

20001216.qrp v02_n038.qrl.20001216

Date: Sat, 16 Dec 2000 19:03:05 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2038

QRP-L Digest 2038

Topics covered in this issue include:

- 1) [86417] RE: QRPers Contest Calendar 2001
by "SPENCER, JOSEPH" <joseph.spencer@tccd.net>
- 2) [86418] Re: Yaesu FT 817 info wanted
by Brian Short <k7on@earthlink.net>
- 3) [86419] RE: Newbie keyer questions
by "blinn" <blinn@dmi.net>
- 4) [86420] [PROP] Weekend Outlook
by "Paul Harden, NA5N" <na5n@rt66.com>
- 5) [86421] Good Propagation Conditions for the Holidays
by "James R. Duffey" <jamesd1@flash.net>
- 6) [86422] Re: [OT] Renewing Amateur License
by Joseph I Pirkle <ad4ih@juno.com>
- 7) [86423] BlueSky Engineering
by "Randy Joiner" <biggman@accucomm.net>
- 8) [86424] Elmer: Thanks for help on Vertical Antenna
by "Tom" <tmccullo@suffolk.lib.ny.us>
- 9) [86425] Looking for QRP DXer for QRP Quarterly Column
by "Craig W. Behrens" <craigwb@hiwaay.net>
- 10) [86426] Ten Tec 1254 later kits had glass boards
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 11) [86427] QRP Kits/Keyer Kits
by "James R. Duffey" <jamesd1@flash.net>
- 12) [86428] Re: Mini-Paddle K2
by "K7FD K7Low" <cqdx@teleport.com>
- 13) [86429] Fox Cub Hunt #16
by Fred Lesnick <flesnick@tbaytel.net>
- 14) [86430] Golden Fox list REV. 1
by "Bob Tellefsen" <n6wg@earthlink.net>
- 15) [86431] Fw: Re: NC 20 is now TRASHED
by Walter D Amos <walt_amos@juno.com>
- 16) [86432] Re: Golden Fox gala over
by Dan Presley <talljazz@teleport.com>
- 17) [86433] Fw: Re: Ten-Tec 1254 Receiver Kit Info
by Walter D Amos <walt_amos@juno.com>
- 18) [86434] [INFO NEEDED] LEDS from Mouser and solder
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 19) [86435] Re: [INFO NEEDED] LEDS from Mouser and solder

- by "John J. McDonough" <wb8rcr@arrl.net>
- 20) [86436] OT: but Relevant, Panasonic laptop CF-25 HELP
by K4YBB@aol.com
- 21) [86437] Re: Golden Fox gala over
by Lee Hopper <leehop@pop.ptld.uswest.net>
- 22) [86438] Re: but Relevant, Panasonic laptop CF-25 HELP
by "pschweitzer" <pschweitzer@netzero.net>
- 23) [86439] RE: Newbie keyer questions
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 24) [86440] Noise Generator vs Tracking Generator for 2 port measurements
by lenny wintfeld <w2bvh@home.com>
- 25) [86441] ACTIVATING WYOMING SUNDAY
by N0BN@aol.com
- 26) [86442] Chirp...help - Problem solved
by "blinn" <blinn@dmi.net>
- 27) [86443] Re: [PROP] Weekend Outlook
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
- 28) [86444] W/R ANTENNA
by hamjoel@juno.com
- 29) [86445] FS: Cannon printer
by David M Kopacki <kf2ew@juno.com>
- 30) [86446] Soldier Station
by cd25d@rhapsodysails.com (Bill Slater)
- 31) [86447] Re: OT: but Relevant, Panasonic laptop CF-25 HELP
by "Karl F. Larsen" <k5di@zianet.com>
- 32) [86448] Re: Soldier Station
by "Karl F. Larsen" <k5di@zianet.com>
- 33) [86449] VHF/UHF/SHF QRP?
by JS <wd1v@amsat.org>
- 34) [86450] Fox Cub Hunt #16 Corrected and Final Log....
by Fred Lesnick <flesnick@tbaytel.net>
- 35) [86451] Re: VHF/UHF/SHF QRP?
by "Mike Yetsko" <myetsko@insydesw.com>
- 36) [86452] Packet sheep!
by "Deni Gm3skn" <deni@gm3skn.fsnet.co.uk>
- 37) [86453] 40 Meters and QRM
by RangerSF5@aol.com
- 38) [86454] Re: 40 Meters and QRM
by K4IA@aol.com
- 39) [86455] Re: VHF/UHF QRP
by Radioham <radioham@home.com>
- 40) [86456] Re: VHF/UHF/SHF QRP?
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 41) [86457] 40mtr qrm qsb qrn / qrp
by hamjoel@juno.com
- 42) [86458] FOX CUB HUNT # 14 LOG: N0IT
by Dave Sjolín <sjolin@swbell.net>
- 43) [86459] Re: 40 Meters and QRM

- by Dave Sjolín <sjolin@swbell.net>
- 44) [86460] [OT] Renewing Amateur License
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 45) [86461] REIMINDER - SNOWSHOE CONTEST TONIGHT (SAT.)
by "AB0CD" <ab0cd@uswest.net>
- 46) [86462] WTB- LDG tuner
by Michael Goins <mgoins@usa.net>
- 47) [86463] Schematic for DX-390 or Sangean 818
by KV1V@aol.com
- 48) [86464] Error correction
by "Ron, KU7Y" <ku7y@qsl.net>
- 49) [86465] RE: [OT] Renewing Amateur License
by "Ron, KU7Y" <ku7y@qsl.net>
- 50) [86466] Re: BlueSky Engineering
by K2UD@aol.com
- 51) [86467] Re: VHF/UHF QRP
by "Mike Yetsko" <myetsko@insydesw.com>
- 52) [86468] Re: Schematic for DX-390 or Sangean 818
by "Jim Gelbort" <jamesgelbort@worldnet.att.net>
- 53) [86469] Re: Golden Fox gala over
by "Bob Tellefsen" <n6wg@earthlink.net>
- 54) [86470] Banishing the "rantinen@juno.com" account
by nilsbull@juno.com
- 55) [86471] Re: 40 Meters and QRM
by "blinn" <blinn@dmi.net>
- 56) [86472] Re: 40 Meters and QRM
by RangerSF5@aol.com
- 57) [86473] Re: multi-band antenna
by "Mike Branca" <w3irz@att.net>
- 58) [86474] Re: 40mtr qrm qsb qrn / qrp
by RangerSF5@aol.com
- 59) [86475] Ancient QSL's on the way!
by "Rich Dailey, KA80KH" <okh.npi@gte.net>
- 60) [86476] Re: 40 Meters and QRM
by RangerSF5@aol.com
- 61) [86477] Antenna: Opinions on MP-1 and PW-1
by Brian Kassel <bkassel@dancris.com>
- 62) [86478] Re: VHF/UHF/SHF QRP?
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
- 63) [86479] DL PA needed!
by David M Kopacki <kf2ew@juno.com>
- 64) [86480] RE: [86413] Re: Poorest Made Kit
by Brian Kassel <bkassel@dancris.com>
- 65) [86481] Re: VHF/UHF QRP
by Mighty Mik <mightymik2@home.com>
- 66) [86482] fs qrp stuff
by RangerSF5@aol.com
- 67) [86483] OT: thyristors?

- by Mighty Mik <mightymik2@home.com>
- 68) [86484] V51AS
by KB7WW Art Moe <kb7ww@chatusa.com>
- 69) [86485] Re: Stone Frequency Counter Kit
by Ron Stone <rsstone@juno.com>
- 70) [86486] Re: Antenna: Opinions on MP-1 and PW-1
by Phil Wheeler <w7ox@earthlink.net>
- 71) [86487] Re: Schematic for DX-390 or Sangean 818
by Ray Colbert <w5xe@juno.com>
- 72) [86488] W/R ANT... NO LOOP TODAY
by hamjoel@juno.com
- 73) [86489] Antenna Knowledge boost!
by Ed Loranger <we6w@qsl.net>
- 74) [86490] The Snowshoe Run Tonight
by "Marshall Emm" <mgemm@mtechnologies.com>
- 75) [86491] Wireless headphones and SSB filter
by "Randall" <Firefox@Southwind.net>
- 76) [86492] Re: VHF/UHF QRP
by "WB3LGC aka Stephen M. Shearer" <wb3lgc@netzero.net>
- 77) [86493] Re: OT: thyristors?
by Euramcom <mel@euramcom.freemove.co.uk>
- 78) [86494] aint qrp but here goes
by Marv Fagenson <k6hcj@juno.com>
- 79) [86495] 40 meter QRP frequency...
by "James Parsons" <res075cz@gte.net>
- 80) [86496] Re: SPK/MIC and PSK-31 with the Epiphyte-3
by "Tony Fishpool" <tony@g4wif.fsnet.co.uk>

Date: Fri, 15 Dec 2000 18:11:39 -0600
From: "SPENCER, JOSEPH" <joseph.spencer@tccd.net>
To: "'rattray@gpfn.sk.ca'" <rattray@gpfn.sk.ca>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>
Subject: [86417] RE: QRPers Contest Calendar 2001
Message-ID: <2751DDC83AB5D211A0930090272ABEED0DA99B@EXCHANGE_NE>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

Hi All,

I can second Bruce's remarks and go on to say that, I purchased 6 and to have on hand when we went and set up a QRP table a local Texas hamfests..but the calendars are so nice that I gave them as Christmas presents and am now going to have to order more for our display table.

So, Ron get ready for another order...

I hope they don't run out of this excellent QRP product/accessory.

72/3 Joe KK5NA 817-572-2218

Vice President - QRP ARCI <<http://www.qrparci.org>>
<<http://www.qrparci.org/pix/arci050.gif>>

-----Original Message-----

From: Bruce Rattray [mailto:rattray@gpfn.sk.ca]

Sent: Friday, December 15, 2000 5:15 PM

To: Low Power Amateur Radio Discussion

Subject: Re: QRPers Contest Calendar 2001

Folks, I have received my calendar and you will be proud to have this hanging in your shack or anywhere else!....and there's not just ONE colour picture per month but SEVERAL per month!....plus information that is of use to every qrper!....it's a winner....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

On Fri, 15 Dec 2000, Ron Polityka wrote:

> Hello Everyone,

>

> If you have reserved a calendar and you did not send
> in you money, please do so soon. The cost is \$10. If you
> would like a calendar please e-mail me with your name,
> call and amount of calendars.

>

> =====

>

> The Eastern PA QRP Club still has many copies of the
> 2nd Annual QRP Contest Calendar for 2001 in stock.
> You can find detailed information at: www.n3epa.org

>

> Check out the comments from some of the
> hams that have already received their calendar.

>

> It is photographic quality with color pictures, this will be
> 100% better than our first calendar. We will mail the
> calendar out on the Saturday after I receive you check or

> money order.
>
> This calendar will list QRP contests and contests with QRP
> categories. It will be a fold-out style that you can hang on
> your wall next to your rig. There will be a lists of Web sites
> and contest managers calls. The Web site addresses will
> have the contest rules plus much more. The color pictures
> will feature the winners of kit-building contest that are held at
> the different QRP forums or conventions throughout the year.
> This is really a handy calendar to have in the shack. The
> calendar will measure 11" x 17" when open. It will be in color
> and B&W format, with the pictures and information on the top
> half.
>
> Order Now!
>
> 72 & 73
> Good DXing
>
> Ron Polityka
> de N3EPA
> n3epa@fast.net
>
> vvv Eastern Pennsylvania QRP Web Page vvv
> www.n3epa.org
>
> Eastern Pennsylvania QRP Club Call
> N3EPA E-mail address: n3epa@fast.net
>
>
>
>

Date: Sat, 16 Dec 2000 00:27:54 +0000
From: Brian Short <k7on@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [86418] Re: Yaesu FT 817 info wanted
Message-ID: <4.3.2.7.2.20001216002214.00b62780@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I see your point and I'm willing to do the right thing: I will take
that radio off the owner's hands - no questions asked.

Seriously, I would like to buy a "used" FT-817.

Just let me know "too" whom my money goes :)

At 09:40 PM 12/15/00, Victor Blackwell wrote:

>Gee, sounds like a great company to give your money too.

>

> >Does anyone know and is able to tell me the current drain of this little
> >rig on receive and transmit? The specs are very poor in regards to info,
> >and emails to Yaesu have been fruitless.....Any info is welcome...

> >

> >Fred

> >VE3FAL

> >

--

Seek those who find your road agreeable, your personality and mind
stimulating, your philosophy acceptable, and your experience helpful.
Let those who do not, seek their own kind. -Henri Fabre

--

mailto:k7on@earthlink.net

--

Date: Fri, 15 Dec 2000 16:28:31 -0800

From: "blinn" <blinn@dmil.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [86419] RE: Newbie keyer questions

Message-ID: <003401c066f7\$20463080\$6cb8e5d8@blinn>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Patrick, I don't have experience with the ER's TICK4 kit but have built
Jackson Harbor Press' PK3 <http://jacksonharbor.home.att.net> It is high
quality and easy to put together.

Also, K1EL has a kit, K10 which is an excellent kit with a BUNCH of
features including a weight choice of 3:1 (normal) or 4:1 ratios. All
on-board items for \$15 bucks this is one of the best values around.
<http://members.aol.com/k1el/> I just finished this one and it is a dandy.
Take a look here: <http://www.teleport.com/~cqdx/billstuff.htm>

The K10 manual must be downloaded (PDF). He doesn't send it with the kit.

Have fun,

Bill - WA7TQK - North Idaho

----- Original Message -----

From: "Patrick McVey" <mcvey.p.MOHAVE@narbha.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, December 15, 2000 1:40 PM
Subject: Newbie keyer questions

>

> Can someone volunteer comments on keyers or the ER's TICK4 kit. I'd like to build this kit. Have you?

Date: Fri, 15 Dec 2000 17:53:10 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-canada@lists.gpfn.sk.ca, qrp-l@lehigh.edu, gqrp@onelist.com
Cc: "Prof. Arnaldo Coro Antich" <inforhc@ip.etcasa.cu>, satern.europe@virgin.net
Subject: [86420] [PROP] Weekend Outlook
Message-ID: <Pine.SUN.4.10.10012151728060.26115-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

The sun and our magnetic field remains VERY QUIET. The sun has only mustered a few C-class flares this week (pretty small). This is all pretty good news for QRPers.

Friday's solar flux was 188, heading upward towards 200 over the next few days. This is good news for 15M, 17M and 10M. These bands will be open during daylight hours due to the increased ionization caused by the higher solar flux for good propagation and very little attenuation to weak signal work. The elevated electron flux could cause some fading (QSB) episodes, but minor. 15M will remain open after dark, and 20M well into the late evening.

The solar flux varies from a minimum to maximum value over a period of about 28 days ... the time it takes the sun to make a rotation. We are heading towards the maximum, meaning the bands should remain in pretty good shape over the next 10-15 days, or through the holidays (so you can check out that new rig?).

ON THE LOWER BANDS ... LIKE 40M and 80M, the geomagnetic activity has been extremely minor for about the lowest noise levels one could

experience during an active sun. So with lower noise levels, especially at night, weak signals will appear to go farther for some good DX hauls for 40M. Of course if California drops off line this weekend due to running out of electrical power as feared, 40M will REALLY get quiet! Never forget that not ALL the noise on 40M and below is due to the sun or our geomagnetic field ... much of what you'll hear over the next few days is simple "white noise" caused by electrical distribution and industry. Not much can be done about that.

30M will also be an excellent band to use nearly 'round-the-clock.

There was a small C-class flare that produced a small CME thursday from the backside of the sun, for which some of the particle blast was blown around the sun. Some services have reported a possible geomagnetic storm and aurora *if* this shockwave hits the earth saturday night. In my opinion, this would be a long shot. It had very low velocity and we'd only be hit (if we do) by the fringes. I don't think it would hardly be noticed if it does hit the earth. (But, I've been wrong before!).

The FOX hunts and general QSO's should all be great regardless of the band you choose. So enjoy the bands.

Also, of quasi-related interest, there will be a partial eclipse of the sun on Christmas morning, around 9-10am MST (9:40am at my longitude of Denver-Albuquerque-El Paso). Only about 30-50% coverage, but still worth glancing at in your area if you remember. On the web, there is a link for estimates in your area at www.space-science.com (a NASA site). Higher coverage of the sun closer to the US/VE border.

Have a nice weekend.

72, Paul NA5N

> Joint USAF/NOAA Report of Solar and Geophysical Activity

> SDF Number 350 Issued at 2200Z on 15 Dec 2000

> IA. Analysis of Solar Active Regions and Activity from 14/2100Z

> to 15/2100Z: Solar activity was low. Maximum activity continues to
> be sporadic minor C-class events.

> IB. Solar Activity Forecast: Solar activity is expected to be low,
> with the chance for an isolated M-class event.

Only because there are a couple regions on the sun with growing magnetic complexity, but very little to indicate they will produce any major flares yet.

> IIA. Geophysical Activity Summary 14/2100Z to 15/2100Z:
> The geomagnetic field has been quiet at all latitudes for the past 24
> hours. The greater than 2 MeV flux continued its recent daily
> fluctuation between low and moderate levels.

> IIB. Geophysical Activity Forecast: The geomagnetic field is
> expected to be low, with isolated periods of unsettled conditions,
> for the next three days.

The unsettled conditions due to the earth possibly flying through a
high speed solar wind speed from a coronal hole. But no indication yet
that the velocity is much more than the static solar wind.

> PCAF green

Great conditions in the "Great White North" as well :-)

> IV. Penticton 10.7 cm Flux
> Observed 15 Dec 188
> Predicted 16 Dec-18 Dec 190/190/195
 SAT SUN MON

How high will it go?

> V. Geomagnetic A Indices
> Observed Afr/Ap 14 Dec 002/004 <---- VERY QUIET!
> Estimated Afr/Ap 15 Dec 003/006
> Predicted Afr/Ap 16 Dec-18 Dec 005/008-005/008-005/008
 SAT SUN MON

Date: Fri, 15 Dec 2000 17:56:23 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [86421] Good Propagation Conditions for the Holidays
Message-ID: <B6600BC7.4330%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The following 27 day forecast predicts good conditions over the Christmas
Holidays. Ten should be open daily at least through the first. Absorption
and noise should be low, so the lower bands, 40, 80 and 160M, should be
good in the evening and late at night. If you have some days off, you might

want to get on these bands before local sunrise for some DX. New Years Eve should be good for straight key night.

Get on and Get active!!

Twenty-seven Day Space Weather Outlook Table

Issued 2000 Dec 12

#

#	UT	Radio Flux	Planetary	Largest
#	Date	10.7 cm	A Index	Kp Index
2000	Dec 13	150	7	2
2000	Dec 14	160	7	2
2000	Dec 15	165	7	2
2000	Dec 16	170	7	2
2000	Dec 17	175	10	3
2000	Dec 18	180	10	3
2000	Dec 19	190	10	3
2000	Dec 20	200	10	3
2000	Dec 21	200	10	3
2000	Dec 22	200	12	3
2000	Dec 23	200	12	3
2000	Dec 24	195	12	3
2000	Dec 25	195	12	3
2000	Dec 26	190	12	3
2000	Dec 27	180	7	2
2000	Dec 28	175	7	2
2000	Dec 29	165	7	2
2000	Dec 30	165	10	3
2000	Dec 31	155	10	3
2001	Jan 01	150	7	2
2001	Jan 02	145	7	2
2001	Jan 03	140	10	3
2001	Jan 04	140	15	3
2001	Jan 05	140	15	3
2001	Jan 06	145	10	3
2001	Jan 07	145	7	2
2001	Jan 08	145	7	2

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 15 Dec 2000 23:59:59 -0500
From: Joseph I Pirkle <ad4ih@juno.com>

To: K2UD@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [86422] Re: [OT] Renewing Amateur License
Message-ID: <20001216.010453.-3560335.7.ad4ih@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I will do it for \$5.99.....next bid please.

On Fri, 15 Dec 2000 17:05:41 EST K2UD@aol.com writes:

> Hi,
>
> Tell you what I'm gonna do. When your license comes up for renewal,
> just
> complete the form, sign it, tuck a \$6 bill in the envelope, and send
> it to
> me. I'll make sure the FCC gets it, then they will send you your
> new license.
>
> See, I'm a nice guy just like Fred.
>
> 72
>
> Howard Kraus, K2UD
>

72/73,
Joe Pirkle, AD4IH
BPL, QRP-L #2236, Zombie #754, CRS #????
ad4ih@arrl.net
ad4ih@juno.com

Date: Fri, 15 Dec 2000 20:28:19 -0500
From: "Randy Joiner" <biggman@accucomm.net>
To: <qrp-1@Lehigh.EDU>
Subject: [86423] BlueSky Engineering
Message-ID: <004501c066ff\$79e94c00\$ca819bce@accucomm.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone know what has happened to the folks at BlueSky Engineering? I can't
a response from them.

Randy N4SX

Date: Fri, 15 Dec 2000 20:38:59 -0500
From: "Tom" <tmccullo@suffolk.lib.ny.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86424] Elmer: Thanks for help on Vertical Antenna
Message-ID: <004101c06700\$f6d21d40\$466d8bd1@tmccullo>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'd like to say thanks to the list for the significant response to my rather basic question regarding verticals and radials. All of the comments and patience of the guys is really appreciated. It's very nice to have some place to turn for help.

Thanks again
Tom McCulloch
WB2QDG

Date: Fri, 15 Dec 2000 19:42:13 -0600
From: "Craig W. Behrens" <craigwb@hiwaay.net>
To: "QRP-L QRP-L" <qrp-1@Lehigh.EDU>
Subject: [86425] Looking for QRP DXer for QRP Quarterly Column
Message-ID: <LPBBIKBNBOOLHAAJAHJGKEEBCFAA.craigwb@hiwaay.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi QRP-meisters. Ye ol' QRP Quarterly Editor is stirring-up the pot again. This time, I'm looking for someone who is a serious QRP DXer who would be willing to knock-out a QRP DX column for future QQ issues.

If interested, please give me an idea of your qualifications and provide me with your ideas as to what you think this column should be like.

Thanks for you help and interest in helping me address this need.

72/73 & DX,
Craig W. Behrens--NM4T

Madison, AL

Date: Fri, 15 Dec 2000 19:50:09 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <crrandal@seidata.com>
Cc: <qrp-1@lehigh.EDU>
Subject: [86426] Ten Tec 1254 later kits had glass boards
Message-ID: <01d901c06702\$8587d100\$5ac07481@rohredt2000>

Hi,
You must have had an early production as the one I built and have has the fiberglass boards for display and main board.

Thanks for confirming that defeating the phantom power circuit helps the antenna circuit.
Another poster confirms adding a shield at the display board also helps.

Since we are hams and have GOOD Antennas, and this is not intended to be a portable receiver, I am not too concerned about having to use decent coax fed antennas for optimum sensitivity. But, I did want to use the receiver as a demo one sometimes with a mobile whip, or other than resonant full size antennas.

Glad you found a good SWL receiver.
73,
Stuart K5KVH

Date: Fri, 15 Dec 2000 19:25:30 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <cd25d@rhapsodysails.com>, qrp-1 <qrp-1@lehigh.edu>
Subject: [86427] QRP Kits/Keyer Kits
Message-ID: <B66020AA.4333%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Bill - I posted this a few months ago. I made a few changes to revise it. I hope that it helps your kit choice easier.

Doug Hendricks, KI6DS, did a comparision of entry level kits 2 years ago. He included the cost of a keyer (standard on the DSW and Red Hot radios), some

kind of digital readout device, and a case. I beleive he concluded that the Red Hot Radio amd DSW were good values.

Doug also did a "8 Step Plan for QRP Kit Building" last year. The West Florida club has generously provided web space to archive it:

<http://www.qsl.net/westfla>

Doug has structured it so that you learn as you, are building useful equipment, and end up with a complete station.

Last June I updated Doug's suggestions a bit as the QRP Kit world has changed a since he posted that. I also omitted the last 3 steps, but you can get those from the web page. My post follows below. .

0. You will need a soldering iron (25 Watt, fine point), solder(get 60/40), diagonal cutters, long/needle nose pliers, a small screwdriver, and a multimeter that reads voltage, currentm and resistance. Radio Shack has all these at reasonable prices and acceptable quality. Other vendors have similar items.

1. The first kit you should get is the VE3DNL marker generator kit. This is a very useful tool to do all kinds of trouble shooting. You can use it to get your first kit up and running. These are sold by the Ft.Smith QRP group. Contact Jay, W5JAY to obtain this kit.

Jay Bromley W5JAY
9505 Bryn Mawr Circle
Fort Smith, AR 72908-9276

It is \$10 plus \$2 for shipping. Tell Jay I sent you. You can put this kit together in a couple of hours. It is simple to trouble shoot. At the Iowa QRP forum 10 of us built these and all ten worked, 8 the first time, and 2 after some screwups were fixed. Mine had a bad solder contact and the other had a couple of components installed backwards. They are virtually bullet proof. It will be useful in all of your future radio building efforts.

2. The second kit is a Keyer kit. Doug suggested the TICK-4 from Embedded Research, but since then the Ft. Smith QRP group came out with a paddle/TICK keyer kit for \$10 plus \$2 shipping. Jay sells these as well. The paddle is PC Board material but has good feel. The kit requires some mechanical dexterity. It will go together in an evening or two. If you get the TICK kit, you will need to build or buy a set of paddles. The PTICK has the paddles built in. Information on the TICK keyer from Embedded Research is at:

<http://www.frontiernet.net/~embres/>

There are also plans for simple paddles made from PC board material on the NORCAL page:

<http://www.fix.net/~jparker/norcal.html>

3. The third kit Doug suggested is the EmTech ZM-2 antenna tuner. It is available for \$50 from EmTech:

<http://emtech.steadynet.com/>

It will tune all bands from 80 M to 10 M and handle a power of up to 15 watts. You can use it with other rigs in the future. It can be built in an evening or 2 and is straight forward to put together. Some mechanical assembly is required and it introduces you to torroid winding. Use the toilet paper method. Since Doug first posted these tips last summer, Norcal has come out with a tuner kit as well, the BLT. It is a Z-Match and tunes reliably from 40 M to 20 M, and handles 10 W. It is only \$25 from NorCal:

<http://www.fix.net/~jparker/norcal.html>

4. You are now ready for the rig. The SW+ series from Small Wonders Laboratories is a good place to start:

<http://www.smallwonderlabs.com/>

This is a single band rig and available in any band for 80 M to 20 M. It was the subject of an Elmer project on QRP-L a couple of years ago. Those posts were assembled in a magazine by NorCal and subsequently reprinted by Quicksilver Press in Socorro NM. The reprint is \$10. Many of the original Elmer Notes are on the web at:

<http://engphys.mcmaster.ca/~elmer101>

Glen, VE3DNL, does a wonderful job of explaining the rig.

The rig is \$55 with the enclosure and controls for \$35 extra. Shipping is \$5. If you build this rig, read and study the Elmer material you will learn a lot of electronics and building skills. At 2.5 W out it is not a power house, but has plenty of power to make many QSOs without strain. If I recall correctly, the beginners who put this rig together for the Elmer project spent about 10 to 15 hours on it. Dave provides good support for his rigs and I would guess 300 or 400 people on this list have built the rig so there is plenty of help available here. Just post your questions.

Since Doug first posted this list, MFJ has come out with the CUB. This is a single band rig available in bands from 80 M to 15 M. The PCB is already mostly assembled, so assembly consists of installing/wiring the controls and putting it in a case. These have a reputation for drift, but they settle

down after 15 to 30 min. They cost about \$90, but ARCI has had group buys in the past and may in the future. You won't learn as much assembling this rig as the SW+, but it is easier and goes together quicker.

What band to pick?? That is a matter of some controversy, but I suggest 30M. This has been hashed over many times here before so I won't go into it again, but I am sure someone will respond to this by suggesting 40 M and another 20 M instead.

5. An antenna. I suggest an inverted Vee, resonant and fed with good quality 8X coax. This is good for one band only, but will give good performance with a minimum of fuss. Install it as high as you can. An alternate is a 44 ft dipole fed with balanced feeders, also installed as high as possible. Either of these antennas will run you \$25 to \$30. Either a ladder grabber or coax grabber from Entech make good center insulators. If you are moving into an apartment you have a whole other set of problems, which is the subject of a whole other post.

You will need a set of headphones, a log book, and some QSL cards at this point.

This whole set of kits will set you back about \$200 and the accessories can be used on other rigs in the future. A beginner can go through the set of kits with good chances of success. You will learn lots of electronics in process. There is lots of help here on the list, on the web, in publications, and through local hams.

Doug has been having a good time going around the country pitching his complete ham station for \$100. It includes the SMK-1 rig, a BLT tuner, the Ft Smith Keyer, and a Norcal Doublet. This is a viable rig, but I think the SW+ rig is in a whole other class, will out perform the SMK-1, and be easier to use. Doug has had a ball giving these \$100 stations away to several young kids who promise to put them together and make a contact with them. I don't know whose grin is bigger, Doug's or the recipient's.

I should probably point out that Ft. Smith and NorCal use some of the funds generated by the sale of these kits to fund QRP forums. Both Ft. Smith and NorCal have paid my way to these forums, so I guess I do have some interest in promoting their kits. I would do so even if I did not benefit. I have no pecuniary connection with SWL, EmTech, or QuickSilver.

Let us know what you finally do. Keep us posted on your progress. Lots of us want to know how it turns out. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 15 Dec 2000 18:44:47 -0800
From: "K7FD K7Low" <cqdx@teleport.com>
To: <HANNES@ulmnetz.de>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86428] Re: Mini-Paddle K2
Message-ID: <001501c0670a\$28b8afa0\$ac231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Wow! This is a WINNER. Especially with the Flexibility of the mounting options...fantastic!

73 John K7FD

----- Original Message -----
From: "Johannes Hiller" <HANNES@ulmnetz.de>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, December 15, 2000 3:21 PM
Subject: Mini-Paddle K2

> Hello,
>
> this is a note for all QRPers that are looking for a small, lightweight,
> portable keyer paddle.
>
> We just finished the design process of our new Mini-Paddle K2 and our
> baby will be available next spring. The link to our page with more
> information is
>
> <http://www.ulmnetz.de/HANNES/Keyer.html>
>
> ... let us know what you think about it!
>
> best 72 from Ulm, Germany
>
> de Hannes, DL9SCO
>
> * DL-QRP-AG #380 * G-QRP #9764 *
>

Date: Fri, 15 Dec 2000 22:00:45 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [86429] Fox Cub Hunt #16
Message-ID: <3A3ADADD.3C86D297@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Cub Fox Hunt # 16

Date	Time	Call		RPT	SP	Name	Pwr
Dec 14(z)	2:03	VA6RF	559	AB	Earl		5w
Dec 14(z)	2:05	KK5RB	559	TX	Dan		5w
Dec 14(z)	2:08	K5PSH	559	TX	Jerry		4w
Dec 14(z)	2:18	K4BYF	449	FL	Jack		5w
Dec 14(z)	2:21	WA7TQK	559	IL	Bill		5w
Dec 14(z)	2:23	K5DI	579	FL	Karl		5w
Dec 14(z)	2:27	K4FB	579	FL	Paul		5w
Dec 14(z)	2:28	K0EVZ	579	ND	Doc		5w
Dec 14(z)	2:30	AF4PS	559	FL	Mac		4w
Dec 14(z)	2:32	W2XN	579	FL	Fred		5w
Dec 14(z)	2:41	AA7EQ	229	AZ	Bob		5w
Dec 14(z)	2:51	KC0GXX	559	NE	Tom		3w
Dec 14(z)	2:54	K9IUA	339	ND	Kevin		5w
Dec 14(z)	3:59	VE3FAL	559	ON	Fred		5w

Rough one folks, I really believe that Thunder Bay must lie in an RF free zone, maybe something to do with all the rock around here. Go west of here and hear the world. Spent the last hour calling with no takers, the band just died out. Thanks to the hounds I was able to work....Till next time.

72 Fred VE3FAL

Date: Fri, 15 Dec 2000 19:04:10 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [86430] Golden Fox list REV. 1
Message-ID: <000701c0670c\$dd87b1e0\$40fcb3d1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This contains the revisions I've received so far.

Please check your call for accuracy. There are some questionable entries, and I'd like to get them cleared up.

Thanks and 73,

Bob N6WG

The Golden Fox

0202	N5ET	559	TX	BOB	5W
0202	N1LN	559	TX	BRUCE	5W
0203	N5TW	599	TX	TOM	5W
0205	KE6JJJ	599	CA	JEREMY	500MW
0207	K0EVZ	579	ND	DOC	2W
0208	WE6W	579	CA	ED	5W
0210	NW7DX	599	WA	BEN	2W
0212	WA7SPY	559	CA	GLENN	5W
0212	K7FD	559	OR	JOHN	5W
0213	K0MP	559	CO	BILL	5W
0214	NQ7X	559	AZ	FLOYD	5W
0215	KB7WW	599	OR	ART	5W
0216	K0FRP	579	CO	AL	5W
0217	K5DI	559	NM	KARL	5W
0220	K5LN	559	TX	FILL	5W
0221	N4ROA	579	VA	DAN	4W
0222	NK7M	599	AZ	BOB	5W
0223	K6VNX	559	CA	ARLEN	5W
0224	KI0II	549	CO	RON	5W
0225	K7RE	559	AZ	BRIAN	5W
0226	W5SB	559	TX	BILL	5W
0227	VE6JAZ	559	AB	ROB	5W
0229	AC5JH	559	OK	TOM	5W
0230	N0UR	559	MN	JIM	5W
0231	VA6RF	559	AB	EARL	5W
0233	KK5LD	559	TX	DAN	5W
0234	NK6A	599	CA	DON	5W
0235	K10J	559	TX	OJ	5W
0237	W0CH	559	MO	DAVE	5W
0238	AA7EQ	559	AZ	BOB	5W
0239	K0QD	559	CO	HUGO	5W
0240	KK7GG	559	OR	MIKE	5W
0242	N0DSP	559	CO	TOM	5W
0244	N2WW	559	CO	LARRY	5W
0245	N1FN	559	CO	ET	5W
0245	K5DW	559	TX	DON	5W
0246	W5HNS	569	TX	HENRY	5W
0248	AB0CD	559	CO	DICK	5W
0249	WA7TQK	579	ID	BILL	5W
0252	K4BB	569	KY	KEN	5W
0254	KB7JLP	559	OR	JAMES	5W

0256	W9XT	559	WI	GARY	5W	
0257	K5JS	559	LA	JOHN	2W	
0258	N4S0	599	AL	KEN	5W	
3300	AF4PS	559	FL	MAC	5W	
0302	W5USJ	559	TX	CHUCK	3W	
0303	N5GLQ	559	LA	MIKE	5W	
0306	KC1FB	559	CT	JIM	5W	
0310	K5AAR	559	OK	DON	5W	
0311	N5IW	559	TX	DAVE	5W	
0312	W2XN	539	FL	FRED	5W	
0313	W5YR	559	TX	GEO	5W	
0314	NY3M	559	MD	BILL	5W	
0317	K8DD	549	MI	HANK	5W	
0318	K4FB	539	FL	PAUL	5W	
0319	W0RSP	569	SD	ADE	4W	
0320	W8PIG	569	FL	MAC	4W	
0321	W0PWE	559	IA	JERRY	5W	
0322	N0AR	559	MN	SCOTT	4W	
0325	W4NJK	559	CA	CHARLIE	5W	
0327	N5JI	559	TX	RICH	5W	
0328	K9IUA	339	ND	KEVIN	5W	
0330	K0PC	559	MN	PAT	5W	
0335	W0JOE	559	MO	JOE	5W	
0338	K5ZTY	559	TX	BILL	5W	
0339	N0EHW	559	MO	TIM	5W	
0340	N5ZE	559	TX	LEW	5W	
0341	NM5M	559	TX	ERIC	5W	
0344	K5JHP	559	TX	BILL	5W	
0346	KQ5U	559	TX	TERRY	5W	
0347	NK9G	559	WI	RICK	5W	
0348	WS4S	559	TN	CONARD	5W	
0352	N9AW	559	WI	JERRY	5W	
0354	W9XU	559	WI	ROD	5W	
0357	AF4LQ	549	KY	MIKE	5W	
	N6WG	599	CA	BOB	5W	Fox's point

Date: Sat, 16 Dec 2000 00:46:29 GMT
From: Walter D Amos <walt_amos@juno.com>
To: qrp-1@lehigh.edu
Subject: [86431] Fw: Re: NC 20 is now TRASHED
Message-ID: <20001216.030837.-4059513.1.walt_amos@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

soon soon it will appear here FOR SALE
..... :-)

Like new well almost like new condition
..... a FIXER-ER-UP-ER :-)

Walt

----- Forwarded message -----

From: RangerSF5@aol.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Thu, 14 Dec 2000 19:28:32 EST
Subject: Re: NC 20 is now TRASHED
Message-ID: <ea.e9d016a.276abfb0@aol.com>

Hi Gang,
I wanted so bad to get this rig keying tonight I decided as per
instructions
to try one more higher value resistor.
I shoved it in the holes and one of the leads touched a solder joint next
to
it.
I lost TX have RX but not receiving any stations and now the RF gain is
not
working.
So much for me playing with kits of proven mods.
I don't see why a kit has to be made to use paddles when there are people

like me who use only single lever types.
Well, at least I have a nice dust collector. Thanks to all who wrote me
Bob
WA2HOQrp <tm>

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 15 Dec 2000 18:27:06 -0800
From: Dan Presley <talljazz@teleport.com>
To: leehop@uswest.net, qrp-1@LeHigh.EDU
Subject: [86432] Re: Golden Fox gala over
Message-ID: <v03007828b66082b72d4f@[216.26.3.160]>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Lee-and list.This is Jim Sweedeen, who lives in Portland and drops by our
qrp meetings from time to time. He worked me during my run, and also has a
very nice 'original' qrp rig that he built some years back from Wes
Haywards' plans (can't remember the name of the rig! 'backpacker??')

Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Sat, 16 Dec 2000 00:56:09 GMT
From: Walter D Amos <walt_amos@juno.com>
To: qrp-l@lehigh.edu
Subject: [86433] Fw: Re: Ten-Tec 1254 Receiver Kit Info
Message-ID: <20001216.030837.-4059513.2.walt_amos@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Folks:

I built one of these and it is OK, for what it was intended for! A SWL
receiver, not a COMMUNICATIONS RECEIVER ! Mine works pretty good, but I
use around 12 feet of coax on the output before going into my antenna
switch which uses an ATTIC WINDOM ANTENNA and I don't get any of the
crud. No, it is NOT a Drake, but it was a fun radio to build and it DOES
work :-) Rather nicely with an external speaker.

Walt

----- Forwarded message -----
From: Randy & Cara Randall <crrandal@seidata.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Date: Thu, 14 Dec 2000 21:44:55 -0500
Subject: Re: Ten-Tec 1254 Receiver Kit Info
Message-ID: <3A3985A7.8268D8FA@seidata.com>
References:
<C3AF5E329E21D2119C4C00805F6FF58F04B76884@hq-expo2.filenet.com>

Hello. I had one of the 1254's and it could be a very good receiver, but
due to
TenTec's
lack of interest in correcting obvious problems with display noise it
will never

live up to it's potential.

TenTec saw fit to use an el cheapo (phenolic) single sided PCB for the front

display. (A top quality

double sided epoxy glass PCB was used for the main PCB.) A double sided PCB

with a generous ground trace would have gone a long way in solving the problem.

I suggested this to TT but

they said that the kit was designed to sell " for a price" and that the fix

would take the receiver

beyond that point. What a shame. I tried the fixes and they worked to a limited degree, but not well enough.

I had to clench my teeth as I tuned around the CW portions of the bands as the

birdies were numerous and annoying.

I sold mine at quite a loss and bought a Drake SW2. It has a LED freq. display

also, but it is

quiet as a mouse. Works extremely well as a basic communications receiver

also. I listen

to 80M SSB every night with a pillow speaker as not to disturb the XYL!

I will

never sell the Drake.

If you HAVE to build a kit then it is probably not that bad a way to go if you

know going in that you WILL have

to do some work to get rid of the display noise. If you do not, save your money

and buy

something else. You will be happier. It is a shame. The radio has so much

going for it otherwise.

Randy KB8AS0

p.s. There is a choke that is used to supply phantom power to the optional

active antenna through

the antenna coax. Remove this choke. It will reduce the internal RFI 90%.

Sorry, I do

not remember it's designation, but it is near the front end of the receiver.

"Phinizy, William" wrote:

> Has anyone built one of these kits and care to comment on them or pass
along
> a link to a review. Thanks in advance.
>
> W. H. Phinizy, K6WHP
> Principal Engineer
> FileNET Corporation
> "modern technology is a wonderful thing if you don't have to rely on
it.."

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Date: Sat, 16 Dec 2000 03:08:59 +0000

From: "Chuck Adams, K7Q0" <k7qo@primenet.com>

To: qrp-l@lehigh.edu

Subject: [86434] [INFO NEEDED] LEDS from Mouser and solder

Message-ID: <5.0.2.1.0.20001216025640.00a01ac0@pop.primenet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Gang,

As there are many that may have used the following LEDs I thought I would I would ask this group. I am in the process of creating an order with Mouser. Santa Claus is skipping me this year so I better just go ahead and get what I want.... ;-)

On page 51 of the current catalog #604 from Mouser there are some LEDs from QT Optoelectronics. Ultra Bright T-1 3/4 with three colors at 0.635, 0.565, and 0.585 microns. I know that they draw about 20mA at 3.0V and this is not for a QRP application per se. Although I will use them in a gel-cell charger kit if they do the job.

Do these LEDs indeed have the highest output in the visible as indicated in the specs? Inquiring minds want to know. I'm sure at least one in the group has used them for something or another.

Also in the same catalog I found the KESTER solder that I just love to use. In the "44" Rosin core you have part number

533-24-0062-0018 62/36/2 with 0.025 diameter at \$19.90 per pound.

And in the "245" No-Clean Core Solder

533-24-7150-8800 62/36/2 with 0.031 diameter at \$19.76 per pound.

These are Mouser's part numbers and hopefully I have them correctly typed in.

Pretty pricey per pound but after you've spent up to \$700 per kit isn't the cost of good solder a no brainer???? I thought so. Thanks to Jay Bromley, a.k.a. JoeBob or W5JAY..... ;-) The first solder number above is what I use for all the Manhattan Building and all kits right now, but going to the no-clean when I get it if it does as advertised.

FYI

Chuck Adams, K7QO
Prescott, AZ k7qo@primenet.com

Date: Fri, 15 Dec 2000 22:23:33 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <k7qo@primenet.com>
Subject: [86435] Re: [INFO NEEDED] LEDS from Mouser and solder
Message-ID: <085501c0670f\$945d80a0\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck

Not sure what you are asking here ...

> Do these LEDs indeed have the highest output in the visible as
> indicated in the specs? Inquiring minds want to know. I'm sure
> at least one in the group has used them for something or another.

If you mean are there brighter LEDs, absolutely. These aren't even in the 'very' bright neighborhood. 80 mcd typical is certainly brighter than the grab-bag LEDs from Radio Shack. I have some 10,000 mcd T 1-3/4's ... hurts to look at them puppies.

Or were you asking is the 635nm emission the highest spectral line in the emission of these particular LEDs? I don't know the answer to that one, but I would suspect it is.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Fri, 15 Dec 2000 22:41:10 EST
From: K4YBB@aol.com
To: qrp-l@lehigh.edu
Cc: K4YBB@aol.com
Subject: [86436] OT: but Relevant, Panasonic laptop CF-25 HELP
Message-ID: <36.f63e8bd.276c3e56@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have a Panasonic CF-25 laptop computer that should work for PSK-31, but have small problem. The computer has lost the "C" drive and no amount of using the drop test etc. helps in recovering the "C" drive.

Seriously, does anyone know what the magic combination it to access the bios setup in this computer? I feel that someone has played with the computer b4 I got it and that they thought they were erasing the "C" drive but instead they deleted it from the basic bios setup of the computer and I have not been able too figure out the right combination to access the bios setup. Does anyone have a clue?

All input appreciated. This is the last major hurddle between working or not working psk-31. My wife will not let me use the "good" computer for ham radio.

72 / 73 Jim K4YBB

Date: Fri, 15 Dec 2000 19:55:33 -0800
From: Lee Hopper <leehop@pop.ptld.uswest.net>
To: qrp-1@Lehigh.EDU
Subject: [86437] Re: Golden Fox gala over
Message-ID: <3A3AE7B5.16A73D43@pop.ptld.qwest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good work, Dan! That would probably be James D Sweeden, KB7LJP with the first two letters of the suffix transposed. Not a pirate after all!

73's

Lee Hopper, KD7CTF
Portland, OR

Dan Presley wrote:

>
> Lee-and list.This is Jim Sweedeen, who lives in Portland and drops by our
> qrp meetings from time to time. He worked me during my run, and also has a
> very nice 'original' qrp rig that he built some years back from Wes
> Haywards' plans (can't remember the name of the rig! 'backpacker?')
>
> Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Fri, 15 Dec 2000 22:50:53 -0600
From: "pschweitzer" <pschweitzer@netzero.net>
To: <K4YBB@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86438] Re: but Relevent, Panasonic laptop CF-25 HELP
Message-ID: <003801c0671b\$c7120a00\$29c30404@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

have you tried to reinstall and initialize the operating system?

you should be able to reset all of the functions if you do that.

----- Original Message -----

From: <K4YBB@aol.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, December 15, 2000 9:41 PM
Subject: OT: but Relevant, Panasonic laptop CF-25 HELP

> I have a Panasonic CF-25 laptop computer that should work for PSK-31, but
> have small problem. The computer has lost the "C" drive and no amount of
> using the drop test etc. helps in recovering the "C" drive.
>
> Seriously, does anyone know what the magic combination it to access
the
> bios setup in this computer? I feel that someone has played with the
computer
> b4 I got it and that they thought they were erasing the "C" drive but
instead
> they deleted it from the basic bios setup of the computer and I have not
been
> able too figure out the right combination to access the bios setup. Does
> anyone have a clue?
>
> All input appreciated. This is the last major hurddle between working
or
> not working psk-31. My wife will not let me use the "good" computer for
ham
> radio.
>
> 72 / 73 Jim K4YBB
>
>

_____NetZero Free Internet Access and Email_____
<http://www.netzero.net/download/index.html>

Date: Sat, 16 Dec 2000 00:10:35 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfdan.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [86439] RE: Newbie keyer questions
Message-ID: <LPBBJAGIPFHKPJENAKL00EKJDDAA.n1bq@wulfdan.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Patrick,
I just got done building a Tick3 surface mount kit. (the Tick4 isn't

available in surface mount yet I don't think). But I have been quite happy with it the 3-4 weeks I have been using it. The one button control is easy to learn to use. Essentially you push the button and listen to the Morse characters, when the one for the menu item you want is heard you release the button. Then push the button again for the sub-menu, etc ... the paddles and the button itself are used to do the various programming options. There are enclosure kits available for each of the various Tick kits and they are very nice, I do not think you could individually purchase all the parts in the enclosure kit for the price offered and the shipping/handling fee is charged only on the first item ordered ... I am happy enough with mine I plan to go back and order another, sans enclosure to build into my OHR100A.

72 de brian, n1bq

> -----Original Message-----

> From: Karl F. Larsen

> Sent: Friday, December 15, 2000 17:48 PM

>

> Hi Patrick, As this will be the first of many keyers and
> paddles you will own, the Tick keyer is very good. I have
> and love the cmos keyer of 1990 vintage because it's fully
> self contained. Has 4 memory slots and is easy to use after
> 6 months of use and mis-use...:-) I also have a Tick 1 keyer
> which has no memory and the paddle is made of printed circuit
> board. I did such a terrible job of making the paddle, I'm
> going to enter it into the Fort Tuttle (Flagstaff) QRP contest
> for poorest made kit.

>

> On Fri, 15 Dec 2000, Patrick McVey wrote:

>> Can someone volunteer comments on keyers or the ER's
>> TICK4 kit. I'd like to build this kit. Have you? What was
>> your impression? Are there similar kits or technology in the
>> \$35 range? How does the one-button switch program the
>> settings? I've never used a keyer or iambic paddles. I have a
>> straight key I used to pass 5-wpm and then never made a CW
>> contact after my VE exam. Now I've finally finished my
>> 40-meter QRP xcvr kit and I'm gonna get on the air soon.

Date: Sat, 16 Dec 2000 00:10:08 -0500

From: lenny wintfeldt <w2bvh@home.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [86440] Noise Generator vs Tracking Generator for 2 port measurements

Message-ID: <3A3AF930.1CDB83D8@home.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi

I've always wondered why tracking generators are commonly used as a "stimulus" when measuring 2 port networks (amplifiers, filters etc.) with a spectrum analyzer. Wouldn't it be easier and cheaper to use a noise generator to drive a 2 port network? Or does accuracy suffer in some way ?

Someone on the list must know!

73 and Happy Holidays,

Lenny W2BVH

Date: Sat, 16 Dec 2000 01:29:44 EST
From: NOBN@aol.com
To: qrp-1@lehigh.edu
Subject: [86441] ACTIVATING WYOMING SUNDAY
Message-ID: <75.daa4619.276c65d8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Friends,

After a couple of days of radio and antenna problems, and panicky feelings (as well as mobile withdrawal symptoms), I am again ready to go to Wyoming on Sunday.

See details below from my first post a few days ago.

I plan to drive to Wyoming and hopefully be on the air from near Cheyenne between about 1800 and 2100 Z, give or take. I intend to operate mostly between 14040-14060 but can do other bands depending on conditions or request. I may head up to 14110 or so, if the indicated frequencies are too busy. If I go to 40 M, the range would be 7040-7060, or up to 7110 or so. I will likely operate in the Novice/Tech Plus subband for part of the time.

Although I'm working on my speed and passed the 20 wpm W1aw Qualifying Run a few weeks ago, I am most comfortable and have the most fun at 15 wpm so pse QRS. And I'm not a contester so one at a time pse!

72/73

Daniel n0bn
Bailey, Co

Date: Sat, 16 Dec 2000 00:04:23 -0800
From: "blinn" <blinn@dmf.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86442] Chirp...help - Problem solved
Message-ID: <005001c06736\$f680b960\$9fb8e5d8@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Will sends the following message. Thanks to all who supplied those great ideas, comments, and suggestions.

"Hi Bill. I removed the choke[filter] in the power supply ,added a 120 ohm resistor in the cathode circuit and resoldered the ground in the xtl circuit and the chirp is almost gone. I'm now waiting for a catalog to order crystals for the 80,40, and 30 meter bands. I will try to get crystal freq. on 40 meters near your operating freq. tnx. again

Will.

Date: Sat, 16 Dec 2000 01:45:26 -0800
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>
To: <na5n@rt66.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86443] Re: [PROP] Weekend Outlook
Message-ID: <001301c06744\$ecc144e0\$4d06500c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul was right on the mark about 40M propagation!

40M CW was really humming tonight. There were several European stations quite loud in Southern California. And a few pushed my S-meter (on the FT847) to over S9 using a quarter-wave vertical. On 80 the band was very quiet-----but I didn't hear much activity. I did have one terrific PSK QSO of about 900-miles while running about 5W. But with QSB my signal was up to S9 then down to S2 --

but still 95 to 100% copy.

Try it.....

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org , <http://home.att.net/~alan.kaul/index.html>

Date: Sat, 16 Dec 2000 07:01:18 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [86444] W/R ANTENNA
Message-ID: <20001216.070119.-252209.2.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

HIGH y'all

just got myself up outta bed...1100z
temp be zero F and don't see any wind or sneaux or sleet or other
miserable winter conditions so don't kneaux iffing I will put up a loop
ant today... just too nice a day to do sumthin like that... too easy..
course later today the wind is supposed to pick up and the sneaux fly...
so maybe later on today I could get inspired... I found sum meaux wire..
shuldn't have to make too many solder joints to got myself a coupla
hundred foots of the stuff... heck there bee enough splices on dat wire
now...seems there oughta be a limit to the number of splices one can put
on an antenna... I likes to think that the meaux splices the meaux
thicker the wire bee and that bee good for rf... larger wire diameter and
all that skin effect stuffs...see I read a book once...long time ago...
rather nice pictures iffing I recalls correctly...
got the fire started in the wood heater, don't want the inside to equal
the outside temp, now do we... at least my xyl and 5 guinea pigs
don't.... that be six females against one male... no contest really...
time to solder some splices... cul folk... keep a straight face and
don't be catchin u self laughing... could ruin ur whole miserable day, u
kneaux :-)

kella joel
in maien
freezin mainly

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 15 Dec 2000 21:10:24 -0500
From: David M Kopacki <kf2ew@juno.com>
To: qrp-1@lehigh.edu
Subject: [86445] FS: Cannon printer
Message-ID: <20001216.071313.-16508559.2.kf2ew@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Howdy, folks. If any of you have a need for a computer printer, I have a Cannon BJC-2010. It's never been out of the box.

Price is \$50 plus shipping.

Thanks es 72,
Mike, KF2EW

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 16 Dec 2000 06:22:17 -0600
From: cd25d@rhapsodysails.com (Bill Slater)
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [86446] Soldier Station
Message-ID: <003401c0675a\$d52ba9e0\$7076130c@willies>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

GM to all

Anyone got a good used soldering station for sale?

tnx

Bill

kD5GCX

Date: Sat, 16 Dec 2000 06:06:31 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: K4YBB@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [86447] Re: OT: but Relevent, Panasonic laptop CF-25 HELP
Message-ID: <Pine.LNX.4.10.10012160558220.789-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim-

You may not need to find bios. Get a dos floppy which is a floppy with fdisk and format and the other tools on it and is bootable. You make this floppy on your other computer.

Now with the floppy in the computer turn it on. You will be on the A: drive. now try dir c: and see if it shows you the root directory of your C: drive. If it does, type FDISK /MBR and then everything should work again.

If you can't find C: at all, either bios has been changed a lot, or your hard drive has failed. My money is on a bad hard drive. Drop Tests are not good for computers...:-)

On Fri, 15 Dec 2000 K4YBB@aol.com wrote:

> I have a Panasonic CF-25 laptop computer that should work for PSK-31, but
> have small problem. The computer has lost the "C" drive and no amount of
> using the drop test etc. helps in recovering the "C" drive.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 16 Dec 2000 06:20:49 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bill Slater <cd25d@rhapsodysails.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [86448] Re: Soldier Station

Message-ID: <Pine.LNX.4.10.10012160618450.862-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

That's a solder station and get the one called SR-976 from this web page for \$39.00. I have one and love it. Get some other tips too.

<http://www.web-tronics.com/soldering-equipment---supplies.html>

You will be glad you did.

On Sat, 16 Dec 2000, Bill Slater wrote:

> GM to all
>
> Anyone got a good used soldering station for sale?
>
> tnx
>
> Bill
>
>
> kD5GCX
>
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 16 Dec 2000 08:34:43 -0500
From: JS <wd1v@amsat.org>
To: qrp-l@Lehigh.EDU, neqrp@jona1.net
Subject: [86449] VHF/UHF/SHF QRP?
Message-ID: <p05010401b66119f60078@[24.91.168.153]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Happy Holidays!

I was chatting with a good friend yesterday who is into building and QRP and he wondered why so many of the QRP articles, projects, kits, and activity seem to be focused on HF? He loves HF, he just wonders why the QRP crowd seems to be there almost exclusively.

His thoughts are that there are a few HUNDRED VHF/UHF/Microwave amateurs that build, use low power, get into system optimizations, and enjoy the thrill of contacts because they all feel like DX what with overcoming a lot of obstacles. Sound familiar?

There are THOUSANDS of HF QRP amateurs that build, use low power, get into system optimizations, and enjoy the thrill of contacts because they all feel like DX what with overcoming a lot of obstacles.

So close and yet seemingly so far away.

New "systems on a chip" and very high performance MMICs help the building scene a great deal in VHF/UHF/SHF. As do transverter kits, surplus dish antennas, and a fair amount of activity that already exists. Someone already has 41 states on 1.296 GHz - many of them SSB QSOs via EME. (Not QRP but very cool stuff!)

If more QRP activity was focused on the higher frequencies, could we populate and potentially hold onto precious spectrum?

If you have ideas on how to bring this about, please relate them to me for a possible presentation.

--

73 es Happy Holidays!

John Seney, WD1V [FN42]
Macnet FISTS #5014 NEWS
QRP ARCI 10345 NE 553
K2 1388

~.

@ ^\ % Aerocycle
.^\--/.^ 2001
'_ ' _'

<http://www.qsl.net/wd1v>

Date: Sat, 16 Dec 2000 08:44:59 -0500
From: Fred Lesnick <flesnick@tbaytel.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [86450] Fox Cub Hunt #16 Corrected and Final Log....
Message-ID: <3A3B71DB.A930E32B@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Cub Fox Hunt # 16

Date	Time	Call		RPT	SP	Name	Pwr
Dec 14(z)	2:03	VA6RF	559	AB	Earl		5w
Dec 14(z)	2:05	KK5RB	559	TX	Dan		5w
Dec 14(z)	2:08	K5PSH	559	TX	Jerry		4w
Dec 14(z)	2:18	K4BYF	449	FL	Jack		5w
Dec 14(z)	2:21	WA7TQK	559	ID	Bill		5w
Dec 14(z)	2:23	K5DI	579	FL	Karl		5w
Dec 14(z)	2:27	K4FB	579	FL	Paul		5w
Dec 14(z)	2:28	K0EVZ	579	ND	Doc		5w
Dec 14(z)	2:30	AF4PS	559	FL	Mac		4w
Dec 14(z)	2:32	W2XN	579	FL	Fred		5w
Dec 14(z)	2:41	AA7EQ	229	AZ	Bob		5w
Dec 14(z)	2:51	KC0GXX	559	NE	Tom		3w
Dec 14(z)	2:54	K9IUA	339	ND	Kevin		5w
Dec 14(z)	3:59	VE3FAL	559	ON	Fred		5w

Having a big snowstorm today, lots of blowing snow in the high winds.....

72

Fred
VE3FAL

Date: Sat, 16 Dec 2000 08:50:34 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <wd1v@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86451] Re: VHF/UHF/SHF QRP?
Message-ID: <012001c06767\$2c6ce3c0\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I was chatting with a good friend yesterday who is into
> building and QRP and he wondered why so many of the

> QRP articles, projects, kits, and activity seem to be focused
> on HF? He loves HF, he just wonders why the QRP crowd
> seems to be there almost exclusively.

Well, there's nothing that says QRP is CW either, but you'll find most of the activity is that.

QRP is usually simple, or elegant solutions to simple starts. Few would argue that a K2 is simple, but again, a LOT of the 'flavor of QRP is the simple stuff, only because QRP makes it easy.

Yep, there's SSB on QRP, that is most of my activity.

Yep, there's QRP on 2M, and 440, and even way up there.

But as the tools and techniques fall more from the center-line of a simple QRP HF setup, there just isn't as many people involved.

But that doesn't mean it's a wasteland either.

Mike

Date: Sat, 16 Dec 2000 14:12:38 -0000
From: "Deni Gm3skn" <deni@gm3skn.fsnet.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [86452] Packet sheep!
Message-ID: <006801c0676a\$4e8c8480\$8f50883e@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Packet bleating all over 14.100 beacon frequency in Europe, Why????

Denis Gm3skn

Date: Sat, 16 Dec 2000 09:22:47 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu

Subject: [86453] 40 Meters and QRM
Message-ID: <d9.dc798e0.276cd4b7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I read Paul Hardens post about this weekend being very good for DX and 40-M being quite.
All day long yesterday 40 had severe QRM spikes, some 10 dB over S-9
At 0415 UTC I turned the rig on and didn't hear to much and most of the CW part of the band was taken over with digital communications.
I went down to 7,030 and dropped my call.
HA7PJ came back and gave me a 599 on the 50 watts I was running.
He was running a full 1 KW and QSB was bad on his end.
He also said that QRM was bad all day.
I signed with him and less then 30 seconds later someone turned on that buzz saw with a carrier buried within it.
20 over S-9 and a good 10 KC wide.
But there was also a pulsating noise that sounded just like a locomotive.(I just know I'll get an Alpha Hotel answer on this)
That was heard from 7,028 to 7,053.
After 3 minutes or so it shut down and in CW was sent 000FFF.
Most of the band 7,045 and up was all voice.
QUESTION.
What is going on with 40 meters?
Also if Paul is reading this why was the QRM clashes on 40 meters so severe yesterday?
QRP sure is fun but it seems more and more difficult to operate QRP on 40 meters.
QRP & QSB we can't do anything about that but the digital communications is pushing us off the bands. Also now I'm hearing it in the extra part of the CW band
I think I'll hold off on the TAC-1 kit.
72/73
Bob
WA2HOQrp <tm>

Date: Sat, 16 Dec 2000 09:38:57 EST
From: K4IA@aol.com
To: RangerSF5@aol.com
Cc: qrp-l@lehigh.edu
Subject: [86454] Re: 40 Meters and QRM
Message-ID: <f7.5b2a737.276cd881@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Come on over to 30 Meters. I've been working into Europe, 1500 miles/watt, almost every evening. And -- you don't have to fight the QRM.

Radio K4IA
Craig Buck
Fredericksburg, Virginia USA
QRP ARCI #2550 FISTS #6702 CC 708

For cheap long distance, 800#s and more
Tune to http://www.ld.net/?bucksavers

4.9 cents/min - no monthly fees

Date: Sat, 16 Dec 2000 09:46:55 -0500
From: Radioham <radioham@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86455] Re: VHF/UHF QRP
Message-ID: <5.0.2.1.0.20001216094610.009f3140@netmail.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I don't know about SSB and CW on VHF/UHF, but FM is fast becoming a wasteland on 440 and 2 meters is following suit in the Washington DC metro area, home one of the larger ham populations. Keeping true to QRP (at least on my end), I use one of the Alinco credit card xcvrs - true portability. I hear lots of aircraft and commercial action, but 440 stations are few and far between. Two meters has some traffic during rush hours, but most of the very many repeaters are pretty much dead round the clock, except maybe for an occasional net.

Where have all the hams gone?? I guess to HF, cause they sure aren't on FM. When I first moved to this area in 1976 and got a Drake TR33C, I could work people day and night. It was rare that any of the 11 xtal freqs I had in there was quiet.

Whoever said use it or lose it is correct. Once commercial concerns realize we have these very large frequency spreads hardly being used, they will pummel the FCC for another auction. I date back to the pre-FM days with the old HW-30 - Heath lunchbox for 2 meter AM with superregen rcvr and the 2 meters was always alive.

Back to HF :-).

72/73,

Steve, N4EUK
Reston, VA

Date: Sat, 16 Dec 2000 09:04:10 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [86456] Re: VHF/UHF/SHF QRP?
Message-ID: <002d01c06771\$731b2ca0\$eb773ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi John,

There is a lot of QRP activity on the microwave bands. In fact, much of the operations are done at QRP levels by nature on the microwave bands. The folks up there just think of themselves as microwave enthusiasts rather than QRP operators. It is just difficult to develop power (expensive solid state amps, TWT's, etc.) at these frequencies. All of my 10GHz work is done at about 10mW! Check out the North Texas Microwave Society's Web page for more information. Our club has just installed a bunch of "QRP" beacons in Denton, TX, all 1W or much less. The URL for NTMS is:

<http://www.ntms.org>

I know that someone is going to tell me "Yes, but you have 30dB of gain in your antenna" and I don't want to go there :-). 10mW is 10mW, no matter how you focus it to your advantage.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Sat, 16 Dec 2000 10:11:24 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [86457] 40mtr qrm qsb qrn / qrp

Message-ID: <20001216.101218.-392607.0.hamjoel@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Sounds like 40mtrs to me...

must be that time of year... perhaps instead of banging a brick wall it may be the time of year to go over under or around 40mtr... nuttin sacred about 40mtr... utter meters might do one a lot betterer....

Like everything else qrp is a-changing too... not 99%cw anymeaux... there's digital that works fantastic at qrp levels... and u don't need to spend years getten speed up...I won't mention psk31 or rtty... ok...'course thair bees cw send rec software for ur computer iffin u wanna blaze the cw before ur time.... hee hee...

Just as simple, a ssb qrp rig... learn about audio circuits used in xmtrs... great kits out thair...ballanced modulators, phased modulators...ham stuffs...

sstv with ur ssb qrp setup... been great on forty meters and twenty meters... with a decent ant... all simple setups...and informative...

The novelty of low power communications with fancy rigs is growing... putten a dsp on the incoming signal sure helps in marginal conditions...

As the Master, mr Hale is showing ... as the power goes down, the quality of the ant instillation needs to go up for consistant good results...then there is Steve in BC showing what can be done with a Tunna Fish... Steve didja get my qsl cards yet???

In short... qrp operation is not just cw anymore... all modes are possible... and simple may not be one transistor anymore... either...

and just look at all the neat kits out thair...they an't crystal sets and they an't complicated either.... times change... we needs to change with the times...

kella joel

in maine

mostly freezin

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Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sat, 16 Dec 2000 09:14:04 -0600

From: Dave Sjolín <sjolin@swbell.net>

To: Qrp-l Reflector <qrp-l@Lehigh.EDU>

Subject: [86458] FOX CUB HUNT # 14 LOG: N0IT

Message-ID: <3A3B86BA.A8AE471C@swbell.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

The following is my log for hunt #14 on the makeup date of December 14. Special congratulations to VA6RF for bagging both foxes (me and VE3FAL) in just eleven minutes.

UTC	CALL	HIS RST	MY RST	STATE	NAME	POWER
02:00	W6ABC	559	559	CA	JACK	5W
02:11	VA6RF	559	559	BC	EARL	5W
02:18	NF0R	569	599	MO	DAVE	100MW

Hopefully on January 3 when Im up next I wont be buried by the 500 Megawatt broadcasters and will be able to hand out a few more pelts. HI

If anyone needs any corrections please let me know. Thanks.

73 de Dave, N0IT

Date: Sat, 16 Dec 2000 09:28:32 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: RangerSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [86459] Re: 40 Meters and QRM
Message-ID: <3A3B8A20.19F81DED@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

RangerSF5@aol.com wrote:

>
> What is going on with 40 meters?
> Also if Paul is reading this why was the QRN clashes on 40 meters so severe
> yesterday?

Isnt it likely that some of that qrn is just precipitation static? Much of the eastern half of the country is experiencing either freezing rain, sleet, or snow -- or all three. Also there was a small flare on the sun the other day.

> QRP sure is fun but it seems more and more difficult to operate QRP on 40
> meters. QRP & QSB we can't do anything about that but the digital communications
is
> pushing us off the bands.

You can operate 30 meters during rtty contests and get similar coverage or you can upgrade and operate the bottom 25 khz. That's where you will

find most of the dx. I've yet to hear any digital below 7025. Be happy, Sunday night the rtty contest will be over and I don't think there will be any more until first full weekend of January.

73 de Dave, N0IT

Date: Sat, 16 Dec 2000 09:40:55 -0600
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: K2UD@aol.com, qrp-1@lehigh.edu
Subject: [86460] [OT] Renewing Amateur License
Message-ID: <200012161540.KAA11781@smtp10.atl.mindspring.net>

>Tell you what I'm gonna do. When your license comes up for
>renewal, just complete the form, sign it, tuck a \$6 bill in the
>envelope, and send it to me. I'll make sure the FCC gets it, then
>they will send you your new
>license.

If it were that simple, W5YI and the ARRL wouldn't be doing what they do. The form they let you use to renew is the NCVEC605, which is very simple, half a page long, and doesn't ask a lot of confusing and irrelevant questions. This form cannot be sent to the FCC directly, they will not accept it. The FCC accepts only the long form 605 (that 25 page thing I was describing, though you only need to fill out about four pages of it) or online renewal through ULS (or whatever they are calling their infernal, dismal web page renewal/modification system this week.) The ARRL or W5YI use the VEC electronic filing system to translate your simple NCVEC605 form into an electronic format that the FCC will accept. In the process they catch any errors you may have made and notify you right away (unlike the FCC, which will take eight weeks or more to reject your application, by which time your license may have already expired.)

So this is not a "worthless" service, nor is it any kind of rip-off. As I suggested before, people who don't like to fill out government forms and worry about getting it right following very obtuse and legalese instructions will indeed appreciate the service offered by ARRL or W5YI. (Just as some people let H&R Block do their income tax, even though they could certainly do it themselves.) If the IRS started refusing to accept the 1040EZ and 1040A short forms, and required everyone to file 1040 plus schedules A and B, you'd see an upsurge in tax filing services. The FCC has done the equivalent, in requiring the "long form" 605 if you file your own renewal.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Sat, 16 Dec 2000 08:44:01 -0700
From: "AB0CD" <ab0cd@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>, "cqclist" <CQCLIST@EGROUPS.COM>
Subject: [86461] REIMINDER - SNOWSHOE CONTEST TONIGHT (SAT.)
Message-ID: <000901c06777\$03745a60\$ba85a0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

THE GREAT COLORADO SNOWSHOE RUN
*****The 2000 Edition*****

-----REVISED RULES-----

Sponsored by the Colorado QRP Club

WHEN: Sunday, Dec. 17 0200-0400 UTC

North America Local Times:

Pacific: Saturday, Dec 16 6-8 pm
Mountain: Saturday, Dec 16 7-9 pm
Central: Saturday, Dec 16 8-10 pm
Eastern: Saturday, Dec 16 9-11 pm

BAND: 40 Meters only

MODE: CW

POWER: 5 watts maximum for all entrants

(QRO stations are encouraged to join the run, but we can't accept your logs as a contest entry. QRP stations can work QRO stations.)

OPERATING CATEGORIES: SINGLE-OP & MULTI-OP

SINGLE-OP: One operator for all functions (i.e., listening, transmitting, exchanges & logging)

MULTI-OP: More than one operator for all functions (e.g., one person sending while the other person logs or spots; or, two persons trading off all

contest operations, etc.) Multi-ops must use one callsign, and a CQC number, if applicable.

CLASSES: BASED ON ANTENNA TYPE!

W - Single element wire (includes dipole, random wires, Zepp, doublet, inverted "V", slopers, single element loops, inverted "L", etc.)

V - Verticals (includes single element, ground plane, trapped vertical, anything with vertical polarization and omnidirectional pattern).

B - Multi-element arrays/beams (includes beams, multi- element loops, phased verticals, V-beams, rhombics, etc.)

Operations may be conducted with different antennas provided all antennas used are in the same class.

EXCHANGE:

RST + S/P/C + Antenna Class + CQC # or Power.

Example: 549 C0 W NR154 or 559 VA V 5W; DX Example: 579 B 5W or 599 W NR999

MULTIPLE CONTACTS:

The same station may be worked up to three times during the contest, provided there is a minimum of 30 minutes between QSOs with the same station.

SCORING:

3 points per QSO, the first time each station is worked.

2 points for the second time the same station is worked.

1 point for the third time the same station is worked.

Multipliers: SPCs and the number of CQC members worked.

(Second and third contacts with the same station score QSO points, but DO NOT COUNT as multipliers.)

W0CQC BONUS - 100 POINTS - Any station logging W0CQC during The Great Colorado Snowshoe Run can claim 100 bonus points. W0CQC can be worked more than once, according to the 30-minute rule, BUT you can only get one bonus.

Total Score: QSO Points X SPCs X Members + W0CQC Bonus = Total Score

LOGS:

Submit logs showing time UTC, callsign, exchange received (SPC & CLASS), QSO points for each station worked and multiplier points.

EXAMPLES:

0305	W0CQC	CO V	155	3	1
0312	N1FN/5	TX B	154	3	1
0336	W0CQC	CO V	155	2	0
0345	W1AW	CT B	5W	3	0
0355	HC8N	HC B	5W	3	0
0357	W0CQC	CO B	32	3	0

Total Score:

(QSO Points)	X	(SPCs)	X	(Members)	+	(W0CQC Bonus)	=	(Total Score)
11	X	3	X	2	+	100	=	155

Submissions must include a summary sheet giving your operating class, name(s), callsign(s), antenna class, mailing address, AND A CALCULATION OF YOUR CLAIMED SCORE. (MULTI-OPS: Make sure you list all people involved in your operation.)

Also include an alphabetical listing of claimed multipliers and a description of equipment and power used. Soapbox comments are also welcome.

Logs must be postmarked or e-mailed no later than 2359 UTC JANUARY 17, 2000.

Mail logs to:

SNOWSHOE
C/O CQC
P.O. Box 371883
Denver, CO 80237-1883

E-mail ASCII text files only to:

contest@cqc.org

AWARDS:

Certificates will be awarded to the highest scoring station in each antenna class.

-30-

Date: 16 Dec 00 11:07:03 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-1@LeHigh.EDU

Subject: [86462] WTB- LDG tuner
Message-ID: <20001216160703.4405.qmail@awcst094.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

looking for a Ldg Tuner, preferably the new one (AT-11MP) with the metering and the latching relays. This is the qro model (always worry about accidentally putting more than 15 watts of power from the kenwood to the tuner before = I reduce to 1 watt for operating). Might consider the qrp model. =

mike
wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Sat, 16 Dec 2000 11:22:26 EST
From: KV1V@aol.com
To: <qrp-l@lehigh.edu>
Subject: [86463] Schematic for DX-390 or Sangean 818
Message-ID: <8e.e884589.276cf0c3@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

SOMEONE must know how to get a service manual (or at least a schematic) for the R/S DX-390 or the Sangean equivalent. My friendly R/S salesperson doesn't know where to start looking and I have run out of leads -- radioshack.com, Sangean.com, google, etc. What's the big secret? Thanks.

Bob Moore KV1V

1000 volts

| M |

1 volt

Date: Sat, 16 Dec 2000 09:12:17 -0700

From: "Ron, KU7Y" <ku7y@qsl.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [86464] Error correction
Message-ID: <000a01c0677d\$a317e900\$62c6a9d8@com>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi All,

I just noticed an error on my post about contesting.

I suggested that you go to a WEB site and then gave the wrong call sign to look for!

The WEB site to look for is KA9FOX not wa9fox as I had in my post.

Sorry for any confusion this might have caused.

KA9FOX is a bit of a QRP'er too. He holds some QRP records in major contests. A very talented young fellow.

72,

cul, Ron KU7Y
Full time RVing somewhere in the West!

Date: Fri, 15 Dec 2000 23:17:17 -0700
From: "Ron, KU7Y" <ku7y@qsl.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [86465] RE: [OT] Renewing Amateur License
Message-ID: <000701c0677d\$a0587ae0\$62c6a9d8@com>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi All,

Just today I logged on to QRZ and used the W5YI service to change the address on my license.

It took about 10 minutes and cost me \$6. It's done. Simple. Quick.

No fuss, no getting a form (I can't download files while here) from the FCC, no wasting time trying to figure out what to put where.

For me it's well worth the money and I am glad it's available.

If someone was trying to FORCE me to use it, that would be another issue!

OK, back in my hole.....

cul, Ron KU7Y

Full time RVing somewhere in the West!

Date: Sat, 16 Dec 2000 11:36:11 EST
From: K2UD@aol.com
To: biggman@accucomm.net
Cc: qrp-1@lehigh.edu
Subject: [86466] Re: BlueSky Engineering
Message-ID: <9c.a0338b8.276cf3fb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Same here, made an order a month ago. No response. Mike Gipe, are you out there?

72

Howard Kraus, K2UD

Date: Sat, 16 Dec 2000 11:42:39 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86467] Re: VHF/UHF QRP
Message-ID: <005301c0677f\$40eaa180\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

VHF such as 2M HAS turned in to a 'utility' band for the most part. Links, packet, APRS, and so on. Oh, there are other activities, and it really IS full, but you have to look. Just because it's not full all the time doesn't mean it is empty.

220, well, that's pretty empty, expect in the major metro areas and those places where there is something 'specific' going on.

440 and above, now that HAS turned into the 'point to point' utility band. With the exception of ATV.

But again, just because you don't hear something does NOT mean it's empty. If you have a 'mountain lookout' or a 'skyline drive' kind of thing nearby, take advantage of it with a scanner. You'd be surprised what you hear. The very fact that it 'seems' empty for most of the people 'down in the valley' is it's big selling point.

Mike

Date: Sat, 16 Dec 2000 10:49:24 -0600
From: "Jim Gelbort" <jamesgelbort@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86468] Re: Schematic for DX-390 or Sangean 818
Message-ID: <001001c06780\$263116c0\$6500a8c0@rob>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob,

This info may be out of date, but give it try:

Radio Shack National Parts
900 Terminal Road
Fort Worth, TX 76106
USA
(800) 241-8742
Voice: (817) 624 - 1196
fax: (817) 740 - 0834

If you use a search engine, try "Realistic" instead of "Radio Shack" as a search term.

----- Original Message -----
From: <KV1V@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Saturday, December 16, 2000 10:22 AM
Subject: Schematic for DX-390 or Sangean 818

> SOMEONE must know how to get a service manual (or at least a schematic)
for the R/S DX-390 or the Sangean equivalent. My friendly R/S salesperson
doesn't know where to start looking and I have run out of leads --
radioshack.com, Sangean.com, google, etc. What's the big secret? Thanks.

>

> Bob Moore KV1V

>

> | 1000 volts |
> |XX|
> |M|
> | |
> 1 volt

Date: Sat, 16 Dec 2000 08:51:09 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [86469] Re: Golden Fox gala over
Message-ID: <002601c06780\$647c0ca0\$16dcfc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for the heads up, Lee.
I've made the change to KB7LJP for my log.
73, Bob N6WG
The Golden Fox

Date: Sat, 16 Dec 2000 17:15:19 +0000
From: nilsbull@juno.com
To: sgci@egroups.com, elecraft@qth.net, QRP-L@lehigh.edu, rmainat@chem.ufl.edu,
iwsoper@email.msn.com, cindy.young@wright.edu, iyoung@onenet.com,
lasercane@mciworld.com
Subject: [86470] Banishing the "rantinen@juno.com" account
Message-ID: <20001216.171534.-414787.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Yoldashlar!

Here's the deal: Some time back I was getting so much spam for sex, porn, viagra, medical enhancements of my dubious machismo & other such crap that I dropped all my subscriptions to various lists & changed my email address to friends & family.

Then one of the guys at work quit. About the same time, my spam level dropped about 26dbi. Life returned to a nominal normalcy. And, surprise of all surprises, I stopped getting email inviting me to teenage lust parties and magazines about manly prowess.

Thus & therefore, I have decided to kill off the "rantinen@juno.com" account once & forever. Yeah, I know: this could be a foolish decision. But then I figure if the crap noise floor starts rising again, I'll just put up with it until it drops to FCC Part 90 restructuring rules & procedures.

If you've got the "rantinen@juno.com" on your address books or are planning to send me email at that address, give up all hope of me getting it. Reroute all email power to the primary system (nilsbull@juno.com), and be sure to remind me that I am nearly 55 years old & likely to go limp with excitement at any time. That really adds to the usefulness of my Elavil prescription.

Ah, chemical medicine! Ain't it great.

Now, I'd like to see if you're interested in going to a web page where naked animals cavort in truly sinful ways with rusted out Chevrolet Vegas & those little Polish meat-filled pasta thingies that look like pastelillos made by miniature greek ladies at a mexican ranch in Papua New Guinea.

And in the meantime, should it every be so mean, best wishes for the holidays & good health to you all in 2001. If you don't get good health, you'll start getting stuff from the AARP and that strange ranch in Wyoming which is another story . . .

Hosh! Cheers! La Chayim! Ha de godt!

Your friend & universal co-conspirator pan-channeler for Swami Uncle Sven
Mbawafule McTovarishsteinovicz Ji,

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://www6.50megs.com/w8ijn> -- W8IJN --

<http://members.fortunecity.com/nilsbull>

"In MY day we had to FIGHT to have earphones! Every DAY was a STRUGGLE!"

-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

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Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sat, 16 Dec 2000 09:46:14 -0800

From: "blinn" <blinn@dmi.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [86471] Re: 40 Meters and QRM

Message-ID: <000001c0678a\$3da5d5c0\$abb8e5d8@blinn>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Bob, I too was puzzled by the recent increase in evening QRN until I remembered that this same phenomenon occurred last year about this same time. I believe a lot of this stuff comes from the increasing myriad of Christmas lighting scattered about our neighborhoods. (Not to say that other sources of QRN is on the rise.)

More disconcerting to me is the regularity of digital modes blanking a gap of frequencies smack dab in the QRP window. I try to quiet my frustrations by reasoning that the guys (hams, I assume) are granted the same privileges as we and they must have some bandwidth somewhere.

Regards,

Bill - WA7TQK

Date: Sat, 16 Dec 2000 13:08:48 EST

From: RangerSF5@aol.com

To: sjolin@swbell.net

Cc: qrp-l@lehigh.edu

Subject: [86472] Re: 40 Meters and QRM

Message-ID: <c9.b6a44fe.276d09b0@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/16/00 4:30:39 PM W. Europe Standard Time,
sjolin@swbell.net writes:

<<

Isnt it likely that some of that qrn is just precipitation static? Much
of the eastern half of the country is experiencing either freezing rain,
sleet, or snow -- or all three. Also there was a small flare on the sun
the other day.(YES AND "VERY SMALL"

>>

Re Read my post.

I'm not talking about the QRN(CLASHING)

BTW we had no rain here at that time.

I'm talking about the Digital communications that are taking uo 20 KC on the
band.

However I'd like an expert like Paul to explain the severe clashing as thats
the worst I ever heard and Paul did say 40 would be quite.

All the voice and digital junk I know is being heard on the West Coast but
what is that BUZZ SAW sound and why 20 KC wide?

Bob

WA2HOQrp <tm>

Date: Sat, 16 Dec 2000 13:07:19 -0500
From: "Mike Branca" <w3irz@att.net>
To: <qrp-l@Lehigh.EDU>
Cc: "Mike Branca" <w3irz@att.net>
Subject: [86473] Re: multi-band antenna
Message-ID: <0a1a01c0678b\$18997880\$f8384d0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I want to thank all who participated in this exercise both privately and
publicly. Since it appears that all hams are antenna experts the discussion
involving open wire line and baluns always gets a large response. My
purpose was to get the new ham to experiment and not feel tied down by rules
that may or may not be fact. Historically many of our scientific
discoveries were made by those who tried to do something differently rather
than by following convention. For example if Edwin Armstrong had followed
the advise of the best mathematicians of the day we would not have FM. In
fact Armstrong felt that whenever some scientists believed that something
was not possible they always "proved it with math".

A lot of us, myself included, tend to have strong opinions but we must remember that opinions are not fact just because we strongly believe in them. Opinions are just opinions but if I want antenna facts I go to the expert: L.B. Cebik's, W4RNL, web page.

So I was just firing a few rounds for effect, thanks for the input fellows.

Mike Branca W3IRZ in Conyers Georgia

Date: Sat, 16 Dec 2000 13:20:58 EST
From: RangerSF5@aol.com
To: hamjoel@juno.com, qrp-1@lehigh.edu
Subject: [86474] Re: 40mtr qrm qsb qrn / qrp
Message-ID: <ea.eb4b975.276d0c8a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/16/00 4:14:54 PM W. Europe Standard Time, hamjoel@juno.com writes:

<< In short... qrp operation is not just cw anymore... all modes are possible... and simple may not be one transistor anymore... either... and just look at all the neat kits out thair...they an't crystal sets and they an't complicated either.... times change... we needs to change with the times...
kella joel
in maine
mostly freezin >>

I built and modified many kits.
Just because time goes on doesn't mean I have to give up CW.
Sending and receiving CW is a skill that I will never give up.
ANYone can push a button.
May not be the right one but all you have to do is say HEY,
Thats not the MIC.
Push this one here and talk.

Bob
WA2HOQrp <tm>

Date: Sat, 16 Dec 2000 18:25:47 +0000
From: "Rich Dailey, KA80KH" <okh.npi@gte.net>

To: qrp-1@lehigh.edu
Subject: [86475] Ancient QSL's on the way!
Message-ID: <3.0.32.20001216182541.00689a44@mail.gte.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Some of you on this list will be receiving QSL cards from me for qso's in the 1997 December fox hunt. Don't blame your postal carrier - it's just procrastination *deluxe* on my part.

Happy Holidays,
Rich, KA80KH

Date: Sat, 16 Dec 2000 13:39:01 EST
From: RangerSF5@aol.com
To: blinn@dmil.net, qrp-1@lehigh.edu
Subject: [86476] Re: 40 Meters and QRM
Message-ID: <c9.b762b01.276d10c5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/16/00 7:05:43 PM W. Europe Standard Time, blinn@dmil.net writes:

<<
More disconcerting to me is the regularity of digital modes blanking a gap of frequencies smack dab in the QRP window. I try to quiet my frustrations by reasoning that the guys (hams, I assume) are granted the same privileges as we and they must have some bandwidth somewhere.

>>
Hi Bill and TNX for the nice letter.
Well, I don't think QRN from Christmas lights is coming from Europe.
As far as the digital stuff,
I was surprised at the amount of hams that think it's OK and also feel that CW has to move along with the times.
Heck ham radio IS CW.
Well, the digital OP's have all the same rights but 20 dB over S-9 and covering more than 20KC??
Well I received a new toy in the mail today.
Gotta go send some CW
72
Bob
WA2HOQrp <tm>

Date: Sat, 16 Dec 2000 11:49:51 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [86477] Antenna: Opinions on MP-1 and PW-1
Message-ID: <3A3BB94F.54432632@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I would like to solicit opinions from anyone who has used, or owned either the Super Antennas MP-1 or the PW-1. How does it compare to a full sized dipole, vertical etc. Has anyone done any serious testing of either of these, like A to B with another antenna, either mobile or fixed? What is the advantage, if any, over a simple Hamstick other than the ease with which to change bands?

Brian K7RE

Date: Sat, 16 Dec 2000 13:52:44 -0500
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [86478] Re: VHF/UHF/SHF QRP?
Message-ID: <018101c06791\$63165260\$7ff4fea9@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would also say that one of the challenges is making contacts that are just on the edge of detection where operator skill is needed. QRP certainly fulfills this and can be done at any frequency.

I now spend almost all my ham time using 1W on HF or legal limit on 2m EME. While they at first seem to be opposite ends of the spectrum, they are very similar in some ways as well, weak signals where there is a lower chance of hearing the other station. I would encourage others to try VHF operation during the next aurora or tropo opening with low power and push this limit too.

Scott

Scott Olitsky
AC3A
Buffalo, NY
FN03pa

AC3A@arrl.net

144 MHz EME
4 x M2 9SSB
8877 PA by antennaworks
MHP - 145 preamp

----- Original Message -----

From: "Mike Yettsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, December 16, 2000 8:50 AM
Subject: Re: VHF/UHF/SHF QRP?

>
> > I was chatting with a good friend yesterday who is into
> > building and QRP and he wondered why so many of the
> > QRP articles, projects, kits, and activity seem to be focused
> > on HF? He loves HF, he just wonders why the QRP crowd
> > seems to be there almost exclusively.
>
> Well, there's nothing that says QRP is CW either, but you'll
> find most of the activity is that.
>
> QRP is usually simple, or elegant solutions to simple starts.
> Few would argue that a K2 is simple, but again, a LOT of the
> 'flavor of QRP is the simple stuff, only because QRP makes
> it easy.
>
> Yep, there's SSB on QRP, that is most of my activity.
>
> Yep, there's QRP on 2M, and 440, and even way up there.
>
> But as the tools and techniques fall more from the center-line
> of a simple QRP HF setup, there just isn't as many people
> involved.
>
> But that doesn't mean it's a wasteland either.
>
> Mike
>
>

Date: Sat, 16 Dec 2000 14:07:01 -0500
From: David M Kopacki <kf2ew@juno.com>
To: qrp-l@lehigh.edu
Subject: [86479] DL PA needed!
Message-ID: <20001216.140701.-16456203.0.kf2ew@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Well, I guess I fried the DL PA that I bought off the list here.

I think it was because I connected the drive pot on the wrong side - so when I thought I had zero power, it was actually at the high end.

I saw 9.9 on the Sierra power meter just before the smoke and sparks (BRIGHT red and yellow) obscured my vision. I tried to turn it down but alas, it was too late.

Bottom line? I now have a non-working Sierra and I need another PA kit. I don't know what parts are fried so I guess I'll just buy another one.

A number of people replied the last time I bought one (that one cost me \$40 including shipping). If you still have one, I would appreciate yet another response.

Thanks,
Mike, KF2EW

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 16 Dec 2000 13:04:31 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [86480] RE: [86413] Re: Poorest Made Kit
Message-ID: <3A3BCACF.F490AF63@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Karl F. Larsen" wrote:

> I also have a Tick 1 keyer
> which has no memory and the paddle is made of printed circuit board. I did
> such a terrible job of making the paddle, I'm going to enter it into the
> Fort Tuttle (Flagstaff) QRP contest for poorest made kit.
>

Karl, is there such an award? If so, I'm certain I can win (e.g., my
BLT) :-;

73, Phil W7OX

Phil, Keith and Gangue:

Indeed this is a real award, with a really nice plaque too. I am the
winner of all of the previous awards in this category, the champ, numero
uno, Mr. big. I invite you both back to the Tuthill event in July 2001.
You may try to compete with my total ineptness and lowest possible
quality control standards. Hint: Bring LOTS of clip leads.;

Brian K7RE
Az ScQRPions

Date: Sat, 16 Dec 2000 12:24:24 -0800
From: Mighty Mik <mightymik2@home.com>
To: radioham@home.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [86481] Re: VHF/UHF QRP
Message-ID: <a05001901b6617f075a0d@[192.168.1.100]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>I don't know about SSB and CW on VHF/UHF, but FM is fast becoming a
>wasteland on 440 and 2 meters is following suit in the Washington DC
>metro area, home one of the larger ham populations. Keeping true to
>QRP (at least on my end), I use one of the Alinco credit card xcvs
>- true portability. I hear lots of aircraft and commercial action,
>but 440 stations are few and far between. Two meters has some
>traffic during rush hours, but most of the very many repeaters are
>pretty much dead round the clock, except maybe for an occasional net.

maybe it's all those 'closed' repeaters on 440.

>
>Where have all the hams gone?? I guess to HF, cause they sure aren't

>on FM. When I first moved to this area in 1976 and got a Drake
>TR33C, I could work people day and night. It was rare that any of
>the 11 xtal freqs I had in there was quiet.
>
>Whoever said use it or lose it is correct. Once commercial concerns
>realize we have these very large frequency spreads hardly being
>used, they will pummel the FCC for another auction. I date back to
>the pre-FM days with the old HW-30 - Heath lunchbox for 2 meter AM
>with superregen rcvr and the 2 meters was always alive.

remember 220. I was on 220 way back in 1973, way before it became 222.
Use it or lose it is right. Don't let it happen again.

>
>Back to HF :-).

Back to VHF ...

>
>72/73,
>
>Steve, N4EUK
>Reston, VA

de WD8MNV/6 CM87

Date: Sat, 16 Dec 2000 15:30:17 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [86482] fs qrp stuff
Message-ID: <d9.dc7e161.276d2ad9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang I have the listed items for sale.
1 NC 40-A Beautiful condition and excellent workmanship.
2. Another 40-A but has the 5 watt mod built into it.
The one with the 5 watt has a 1 turn pot.
The one that is stock has a 10 turn pot.
Both have the KC-1 keyer and 2 key jacks in case you want to use your own key.
No scratches, dents, dings, buzz, chirps, etc.
Both are 100% MINT.
The other item is the S&S ARK-20 meter rig.
The rig has had a going over by S&S and a more rugged final installed.
CW filter, RIT, built in keyer, speed control, front speaker, external speaker

jack and 1/4" key jack.

The keyer is programable and if you know nothing about this fine rig I would suggest that you call S&S and get the full detailed info on it.

I never thought i'd part with it.

But Christmas.....\$250.00 FIRM.

One last item and i'll trade for a MFJ 9020 with a CW filter installed.

RS 2 meter mobile rig new in the box

HTX 242,40 memories, Automatic memory store, CAP and MARS coverage.

Used to check out and put in a few repeaters.

Has everything, mount, power cable etc.

Will trade for the MFJ if it's VER # 5 or higher.

Please mail off list.

Thanks

Bob

WA2HOQrp <tm>

Date: Sat, 16 Dec 2000 12:37:15 -0800

From: Mighty Mik <mightymik2@home.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [86483] OT: thyristors?

Message-ID: <a05001902b661812fdbf5@[192.168.1.100]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii" ; format="flowed"

If you've seen the news lately, you know all us 6 landers are having a power crisis. I saw a brief news item on TV the other night. It had a man holding up a shiny disk the size of a compact disk and he said it was a thyristor (sp) (in that size? wow) and he said that they were installed in a Santa Cruz substation, and he also said that it would help us here by allowing us to get power from farther away, like Washington State, and British Columbia, but he didn't say why, or where these things installed.

anyone here know how these fit into the grand scheme of things?

Date: Sat, 16 Dec 2000 13:15:15 -0800

From: KB7WW Art Moe <kb7ww@chatusa.com>

To: qrp <qrp-l@lehigh.edu>

Subject: [86484] V51AS

Message-ID: <3A3BDB63.155DAB1B@chatusa.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

ON NOW !! 28.012 qso 5w & vert

Art
KB7WW

Date: Sat, 16 Dec 2000 16:28:20 -0500
From: Ron Stone <rsstone@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [86485] Re: Stone Frequency Counter Kit
Message-ID: <20001216.162829.-223643.0.rsstone@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi - Just thought I'd share my perspective on the serial nature of the LED display. Note that while your brain processes sounds in a serial mode (like copying CW), visual information processing typically involves image mapping that allows for much higher bandwidth. That's why a serial display device may initially seem kind of awkward. However, most people find that after a very short adjustment period, it becomes quite comfortable to process visual information serially at a very high rate -- much faster than what you can process auditorily. I experimented on myself and others when I was developing the UniCounter. That's the principle that allows the UniCounter to be effective as an e-dial, while audio based counters are too slow for this purpose (unless you're really incredibly fast at CW!).

When I came up with this design, my target was to develop an enhancement to the AFA (audio) devices found in many QRP rigs. I wanted something just as simple and cheap, but with greater functionality. The UniCounter offers high resolution (10 Hz) for bench work, a fast update/display rate so it can be used as an e-dial for quickly finding a specific frequency, and the ability to move it from rig to rig in seconds.

Please feel free to send me any questions that you may have.

72,

Ron (KA3J)
Bethesda, MD
rsstone@juno.com

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 16 Dec 2000 13:27:38 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: bkassel@dancris.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [86486] Re: Antenna: Opinions on MP-1 and PW-1
Message-ID: <3A3BDE4A.71793CB5@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian Kassel wrote:

>
> Gangue:
>
> I would like to solicit opinions from anyone who has used, or owned
> either the Super Antennas MP-1 or the PW-1. How does it compare to a
> full sized dipole, vertical etc. Has anyone done any serious testing of
> either of these, like A to B with another antenna, either mobile or
> fixed? What is the advantage, if any, over a simple Hamstick other than
> the ease with which to change bands?
>

Brian,

I have a PW-1 but have not seen an MP-1. Some "data".

o Someone said the PW-1 is abt a dB better than the MP-1. True? Dunno!

o I would *expect* the Hamstick (8 ft long) to edge out the PW-1 (6 ft long)

That said, I love my PW-1; it seems to perform quite well on 20 meters, the only band where I've used it. The big plus is compactness: It breaks down into one ft sections, very easy to transport, and reasonably quick to set up.

The MP-1 is even more compact, I'm told. The pieces of the radiator store *inside* the coil.

I've seen no reports of any serious A-B testing.

There have been a number of PW-1 reports/impressions posted at the

Elecraft reflector over the past year or so.

73, Phil W70X

Date: Sat, 16 Dec 2000 14:37:28 -0700
From: Ray Colbert <w5xe@juno.com>
To: KV1V@aol.com
Subject: [86487] Re: Schematic for DX-390 or Sangean 818
Message-ID: <3A3BE098.DD273744@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

you might also try:

<http://www.radioshack.com/ProductSupport/Gateway/>
http://support.tandy.com/support_electronics/19323.htm

The last one is for the DX394 but should be a similar
listing with individual pages for the DX390 as well.

gl

--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

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Date: Sat, 16 Dec 2000 16:36:27 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [86488] W/R ANT... NO LOOP TODAY
Message-ID: <20001216.163628.-315819.3.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

hIGH Y'all

temps went up into the tirties making it apear like a good antenna day...

However my attempt at a big loop was cut short by murphy and his co-harts...

I went outside and as I had a new 100ft rope, nylon, 200 lb working weight I grabbed my rod and reel and tossed a line ovah the tallest tree I got...that went well...

I tied one part of about 280ft of wire to the rope and started pulling it up from the rope at the base of the tree... sheaux nuff the rope hung up on sumthin...and I huffed and puffed and murphy appeared in the form of snap, crackle and pop... and this humongas branch started towards my part of the ground...

I immediately started towards the base of two nearby trees and hearing the noise this limb was making on its way down I did the leap or dive for life...I landed in a two foot sneaux drift with a piece of 16inch long by 5 in diameter fire wood catching me in the belly as I slid past a tree with this big tree branch falling beside me...

after getting my wind back I sat up and looked the situation over...the branch had pulled the rope with the wire attached up into the tree where it was hopelessly tangled... I had torn my work jacket and stretched 17 muscles, 12 ligaments and a bunch of other stuff. It was a Xanax moment to say the least...

I got my self to standing up and limped out into the driveway and looked at the tree... u kneaux that branch what fell left a good opening for a rope... so I looked around for my rod and reel... unfortunately I cold only see small parts of the reel and four sections of a former 1 piece rod... the branch has smashed it to smitterines...

Bout that time my cajun bell come running out the house looked at me, then the tree and seeing I was almost ok she started laughing rather hysterically... it was at this point that I packed it in and went into the house and a hot bath and deep heat rub all over my body...

I figure in a week or two I should be ready to try again... iffing santa brings me a new rod and reel.....

KE1LA JOEL

IN MAINE

MAINLY PAIN...

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Date: Sat, 16 Dec 2000 13:56:52 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>
Subject: [86489] Antenna Knowledge boost!
Message-ID: <3A3BE524.3B74EB7D@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well gang, the screwdriver antenna situation has been altered.

History: First it was 16 radial simply laid on the ground. Compared to my 40 meter bowtie dipole the screwdriver should have been 2.2 dB down or so. Considering the feedline is coax on the vertical, I factored all this in and still wasn't that happy with its performance.

Today I tested the antenna with most of the 16 radials elevated. I got a 1 to 2 S-meter improvement on RX at this end. I then got excited and soldered up another 16-radial attachment and elevated most of those as well.

Results: I connected the antenna to the HP8505A network analyzer at 16 radials on ground and noticed the resonant frequency changed when I raised the radials. Then I added the next 16 radials still bunched up. I pulled one radial off at a time and elevated it, checking the resonant frequency on the network analyzer. After about 20 or 22 radials, the resonant frequency stabilized, not changing with each new radial. This is a good sign, showing the effect of each radial reduced variance and added stability to the antenna system.

With 32 radials (most elevated about 3 feet), signal reports on RX and TX were vastly improved. Overall, the antenna is only about 1/2 to 1 S-unit weaker on RX and the TX reports further out show excellent operation of the vertical. Close in stations prefer the Bowtie dipole and stations further out, say 800 miles couldn't tell the difference and I'll continue testing for further stations as time permits. I'm really excited now!

Capture area of the antenna is much less than the dipole of course. But efficiency seems to be there now. I was getting bummed out until I elevated the radials!

I'm hoping to phase adjust the vertical antenna signal to cancel out QRN when I'm using the dipole for TX. We'll see how that works. I did build a active QRN killer but didn't go as far as I could have.

Other projects on the burner, you know.

I feel like I'm forgetting to add something to this report.... oh well,
I'll update when I can. Best to all.

OH! just remembered. The primary resonance range of the antenna is from 3 MHz to 18.2 MHz with the old cb whip antenna element. I think it is about 7.5 feet for the whip. Secondary resonances from 14 to 45 MHz are significantly narrower in bandwidth as measured on the network analyzer. I think it would be best to use a shorter element with the antenna when operating 20 meters through 10 meters. Currently the antenna works well for 80/40/20. And 30 Meters
if I had the 30 meter rig fixed...

72/Ed we6w

--

72/Ed WE6W; A-1 Op; SOC#63; QRPL#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
My 2 pennies worth is just common cents.

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Date: Sat, 16 Dec 2000 15:18:44 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu, cqclist@egroups.com
Subject: [86490] The Snowshoe Run Tonight
Message-ID: <3A3B87D4.3110.11DD909@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I'm looking forward to the CQC's Great Colorado Snowshoe Run tonight. It's the third annual, as I recall, and was the first of our famous or infamous Sprints.

There are two things about this little contest that make it very interesting, and different from all the other QRP events.

1. We got tired of sitting around calling endless CQ's in the second half of most contests because we had simply run out of participants. So... the Snowshoe Run is only two hours long, AND YOU CAN WORK EACH STATION THREE TIMES! As long as 30 minutes has elapsed between contacts, you can get a total

of three QSOs worth 6 points, from every participating station. The first contact is worth 3 points, the second is worth 2, and the third is worth a single point.

2. We got tired of seeing every CQC contest won by one of two guys. The guys with the 40' towers and beam antennas. So... in the Snowshoe Run you are competing with ops who have more or less equivalent antennas. You'll be in the W class if you have a wire antenna, V if vertical, and B if you have a beam.

It's a lot of fun, with some unusual challenges (e.g. log-keeping and duping), and a very rewarding way to spend a couple hours. Please do check in and hand out a number or two, even if you are not "a tester," or 30wpm operator.

See you in the Great Colorado Snowshoe Run....

With best wishes for a Merry Christmas and a Happy New Millennium...

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Sat, 16 Dec 2000 16:21:33 -0600
From: "Randall" <Firefox@Southwind.net>
To: <qrp-1@lehigh.edu>
Subject: [86491] Wireless headphones and SSB filter
Message-ID: <LNBBKDBHLFMOHHIGOGPMIENKCMMA.Firefox@Southwind.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HO HO HO all.....

I was wonder if some of you might of tried wireless headphones around transmitters and if you had any experiences with RF problems using them. Any good brand's that seem to work ? Seems like a good way to monitor the radio without bothering other family members....

And does anyone know where I can find a schematic for a decent home brew SSB filter ?

Thanks for what ever you got.

Date: Sat, 16 Dec 2000 17:26:15 -0500
From: "WB3LGC aka Stephen M. Shearer" <wb3lgc@netzero.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [86492] Re: VHF/UHF QRP
Message-ID: <5.0.2.1.0.20001216171651.00a767a0@pop.netzero.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:24 PM 12/16/00, Mighty Mik wrote:

>>I don't know about SSB and CW on VHF/UHF, but FM is fast becoming a
>>wasteland on 440 and 2 meters is following suit in the Washington DC
>>metro area, home one of the larger ham populations. Keeping true to QRP
>>(at least on my end), I use one of the Alinco credit card xcvrs - true
>>portability. I hear lots of aircraft and commercial action, but 440
>>stations are few and far between. Two meters has some traffic during rush
>>hours, but most of the very many repeaters are pretty much dead round the
>>clock, except maybe for an occasional net.

I think a lot of the activity that use to be only on 2m is now also on 70cm. In the Wilm - Phila area, a number of linked 440 machines are very active. They are mostly active during commuting hours and some in the evening. There are also some local machines that are quiet for long periods, great for the YL to monitor without anyone else on. Our own private intercom! Btw, Renee is KB3FMT.

73, Steve

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Date: Sat, 16 Dec 2000 22:19:51 +0000
From: Euramcom <mel@euramcom.freemove.co.uk>
To: <mightymik2@home.com>
Cc: <qrp-1@lehigh.edu>
Subject: [86493] Re: OT: thyristors?

Message-ID: <E147Pls-00039a-00.2000-12-16-22-25-40@cmailg4.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Sat, 16 Dec 2000 12:37:15 -0800, mightymik2@home.com wrote:
>If you've seen the news lately, you know all us 6 landers are=
 having
>a power crisis. I saw a brief news item on TV the other night.=
 It
>had
>a man holding up a shiny disk the size of a compact disk and he=
 said
>it was a thyristor (sp) (in that size? wow) and he said that=
 they
>were installed in a Santa Cruz substation, and he also said that=
 it
>would help us here by allowing us to get power from farther=
 away,
>like Washington State, and British Columbia, but he didn't say=
 why,
>or where these things installed.
>
>anyone here know how these fit into the grand scheme of things?

Mik,

Basically it's in the sub-station protection circuits, sets up to=
allow/force the HV breakers to trip in the event of a short on=
 the
line.

Of course it doesn't actually do this itself, it only "tells" the=
 HV
breaker that there's a short on the line. Then (in most systems)=
 an
autoreclose comes in after so many seconds and for so many times,=
usually a maximum of three times.

Picture LARGE bird (swan, eagle or similar) flying into overhead=
 and
getting across the wires, the trip will operate on the short of=
 large
(big bird?) body across wires. If it's dead, it will drop off the=

wires, and the auto-reclose comes in and re-sets things. If no= short
now present, wires back to normal and system restored. If it's a= really BIG bird, the system may trip again because the poor bird= is still across wires and so on.

On the other hand if we are talking a MAJOR short, (tower falls= down, wires tangled up, shorting to tower mass), then obviously the= trip closes three times, then stays out, requires engineer line team= to investigate and put back into service after curing fault. In this= case, the localisation of the trip prevents things like meltdown= of plant connected to system on supply company side, but may result= in customer hours lost till supply restored by company.

Please realise this is an over-simplification of what actually happens, there are numerous other safety factors that come in to= prevent overheating, tripping further back in the supply system,= over and under volts levels and so on. Suffice to say that it is not likely that any electricity supplier would agree to supply= another electricity supplier who did not have these sort of safeguards= built in to their sub-stations. They are there to protect the public= and to prevent any "domino" effect in the event of a fault on either= system.

Does this help?

Regards

Mel

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeseve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

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Date: Sat, 16 Dec 2000 14:55:06 -0800
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-1@Lehigh.edu
Subject: [86494] aint qrp but here goes
Message-ID: <20001216.145507.-259503.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

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Date: Sat, 16 Dec 2000 17:39:03 -0600
From: "James Parsons" <res075cz@gte.net>
To: <qrp-1@lehigh.edu>
Subject: [86495] 40 meter QRP frequency...
Message-ID: <010701c067b9\$600dc620\$7c640304@dsl.vz.genuity.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow! Either there is an RTTY contest on, or the digital folks have developed
a love for 7040. There is RTTY on it and all around it. I know we CW
operators are a dying breed, but we are dying too fast. Those folks will

soon be down to the bottom of the band if they keep moving in that direction.

James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 58 yrs.
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Sat, 16 Dec 2000 23:56:22 -0000
From: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [86496] Re: SPK/MIC and PSK-31 with the Epiphyte-3
Message-ID: <009601c067bc\$08279be0\$ee2d073e@p200>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There has been some interest on QRP-L in using a "standard" Radioshack speaker microphone on the Epiphyte transceiver. The designer of this transceiver Derry Spittle has sent me the circuit diagram in Boardmaker format and I've turned it into PDF format. It's available for download from the following URL
<http://www.btinternet.com/~g4wif/ep3mike.pdf>

Kind regards
Tony - G4WIF

End of QRP-L Digest 2038

